

Enforcement/Investigatory / Ex. 7(a)

Enforcement/Investigatory / Ex. 7(a)

From: Bharmal, Samina M. <sbharmal@sidley.com>

Sent: Tuesday, February 19, 2019 4:18 PM

To: Bunker, Byron <bunker.byron@epa.gov>; Brooks, Phillip <Brooks.Phillip@epa.gov>; Belser, Evan <Belser.Evan@epa.gov>

Cc: Savage, Justin A. <jsavage@sidley.com>

Subject: Confidential: Ford Motor Company

Good afternoon—

Attached is the information you requested through Justin Savage. This information is designated confidential business information and settlement confidential/FRE 408.

All best,
Samina

SAMINA M. BHARMAL
Associate

SIDLEY AUSTIN LLP
1501 K Street, N.W.
Washington, DC 20005
+1 202 736 8350

sbharmal@sidley.com
www.sidley.com

SIDLEY

This e-mail is sent by a law firm and may contain information that is privileged or confidential.
If you are not the intended recipient, please delete the e-mail and any attachments and notify us
immediately.

Enforcement/Investigatory / Ex. 7(a)

Enforcement/Investigatory / Ex. 7(a)

Enforcement/Investigatory / Ex. 7(a)

From: Bharmal, Samina M. <sbharmal@sidley.com>

Sent: Tuesday, February 19, 2019 4:18 PM

To: Bunker, Byron <bunker.byron@epa.gov>; Brooks, Phillip <Brooks.Phillip@epa.gov>; Belser, Evan <Belser.Evan@epa.gov>

Cc: Savage, Justin A. <jsavage@sidley.com>

Subject: Confidential: Ford Motor Company

Good afternoon—

Attached is the information you requested through Justin Savage. This information is designated confidential business information and settlement confidential/FRE 408.

All best,
Samina

SAMINA M. BHARMAL

Associate

SIDLEY AUSTIN LLP

1501 K Street, N.W.
Washington, DC 20005
+1 202 736 8350
sbharmal@sidley.com
www.sidley.com

SIDLEY

This e-mail is sent by a law firm and may contain information that is privileged or confidential.
If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

Enforcement/Investigatory / Ex. 7(a)

Enforcement/Investigatory / Ex. 7(a)

From: Bharmal, Samina M. <sbharmal@sidley.com>

Sent: Tuesday, February 19, 2019 4:18 PM

To: Bunker, Byron <bunker.byron@epa.gov>; Brooks, Phillip <Brooks.Phillip@epa.gov>; Belser, Evan <Belser.Evan@epa.gov>

Cc: Savage, Justin A. <jsavage@sidley.com>

Subject: Confidential: Ford Motor Company

Good afternoon—

Attached is the information you requested through Justin Savage. This information is designated confidential business information and settlement confidential/FRE 408.

All best,
Samina

SAMINA M. BHARMAL

Associate

SIDLEY AUSTIN LLP

1501 K Street, N.W.

Washington, DC 20005

+1 202 736 8350

sbharmal@sidley.com

www.sidley.com

SIDLEY

This e-mail is sent by a law firm and may contain information that is privileged or confidential. If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

Message

From: Belser, Evan [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=D9A0635C271A4BAC9C20634E45083C66-BELSER, EVAN]
Sent: 2/19/2019 10:58:15 PM
To: karen.dworkin@usdoj.gov [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=75dcf1a6e6c74851b3d6f76d7fc63747-karen.dworkin@usdoj.gov]
Subject: CBI: CLOSE HOLD: FW: Confidential: Ford Motor Company
Attachments: Briefing Deck.pdf; VLL Program.pdf; Attachment to EPA Disclosure.pdf; Org Chart.pdf; RDM Schematic.pdf

Karen, as discussed.

From: Bharmal, Samina M. <sbharmal@sidley.com>
Sent: Tuesday, February 19, 2019 4:18 PM
To: Bunker, Byron <bunker.byron@epa.gov>; Brooks, Phillip <Brooks.Phillip@epa.gov>; Belser, Evan <Belser.Evan@epa.gov>
Cc: Savage, Justin A. <jsavage@sidley.com>
Subject: Confidential: Ford Motor Company

Good afternoon—

Attached is the information you requested through Justin Savage. This information is designated confidential business information and settlement confidential/FRE 408.

All best,
Samina

SAMINA M. BHARMAL
Associate

SIDLEY AUSTIN LLP
1501 K Street, N.W.
Washington, DC 20005
+1 202 736 8350
sbharmal@sidley.com
www.sidley.com

SIDLEY

This e-mail is sent by a law firm and may contain information that is privileged or confidential.
If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

Message

From: Bunker, Byron [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DDF7BCF023D241A9A477A2DC75D5901C-BUNKER, BYRON]
Sent: 2/19/2019 10:38:38 PM
To: Belser, Evan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d9a0635c271a4bac9c20634e45083c66-Belser, Evan]; Bharmal, Samina M. [sbharmal@sidley.com]; Brooks, Phillip [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e89130d467df414390f076286d938815-Brooks, Phillip]
CC: Savage, Justin A. [jsavage@sidley.com]
Subject: RE: Confidential: Ford Motor Company

Hi Samina,

Can you provide a list of participants and their titles for our meeting tomorrow?

Thanks,

Byron

Byron Bunker
 Director Compliance Division
 Office of Transportation and Air Quality
 Environmental Protection Agency
 2000 Traverwood Drive
 Ann Arbor, MI 48105
Bunker.Byron@epa.gov
 Phone: (734) 214-4155
 Mobile: (734) 353-9623

From: Belser, Evan
Sent: Tuesday, February 19, 2019 4:26 PM
To: Bharmal, Samina M. <sbharmal@sidley.com>; Bunker, Byron <bunker.byron@epa.gov>; Brooks, Phillip <Brooks.Phillip@epa.gov>
Cc: Savage, Justin A. <jsavage@sidley.com>
Subject: RE: Confidential: Ford Motor Company

Samina, thank you. Receipt confirmed. We look forward to hosting you tomorrow for our 2pm meeting. Phill and I will attend in person in DC, and Byron and his team will attend by video from Ann Arbor.

My cell is Personal Phone / Ex. 6 Please let security know that I will serve as your escort.

Regards,
 Evan

Evan Belser
 Chief, Vehicle and Engine Enforcement Branch
 United States Environmental Protection Agency
 202-564-6850

From: Bharmal, Samina M. <sbharmal@sidley.com>
Sent: Tuesday, February 19, 2019 4:18 PM
To: Bunker, Byron <bunker.byron@epa.gov>; Brooks, Phillip <Brooks.Phillip@epa.gov>; Belser, Evan <Belser.Evan@epa.gov>
Cc: Savage, Justin A. <jsavage@sidley.com>
Subject: Confidential: Ford Motor Company

Good afternoon—

Attached is the information you requested through Justin Savage. This information is designated confidential business information and settlement confidential/FRE 408.

All best,
Samina

SAMINA M. BHARMAL
Associate

SIDLEY AUSTIN LLP
1501 K Street, N.W.
Washington, DC 20005
+1 202 736 8350
sbharmal@sidley.com
www.sidley.com

SIDLEY

This e-mail is sent by a law firm and may contain information that is privileged or confidential.
If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

Message

From: Heiser, Glen (G.A.) [gheiser@ford.com]
Sent: 3/20/2019 4:47:56 AM
To: Lourenco, Jackie@ARB [Jackie.Lourenco@arb.ca.gov]
CC: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]; Fuentes, Mark@ARB [Mark.Fuentes@arb.ca.gov]; Pittel, Kimberly (K.L.) [kpittel@ford.com]; Savage, Justin A. [jsavage@sidley.com]; Hebert, Annette@ARB [annette.hebert@arb.ca.gov]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Cecere, Ian@ARB [Ian.Cecere@arb.ca.gov]; Yacoubian, Lisa@ARB [lisa.yacoubian@arb.ca.gov]; Brooks, Phillip [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e89130d467df414390f076286d938815-Brooks, Phillip]; Belser, Evan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d9a0635c271a4bac9c20634e45083c66-Belser, Evan]
Subject: Re: Confidential Business Information: As Requested: Ford Roadload Test Plan
Sensitivity: Company Confidential

Thanks Jackie.

I'll set up a call to discuss with you, Lisa, and Linc on Wednesday to ensure we are aligned.

Best Regards,

Glen Heiser

Sent from my iPhone

On Mar 19, 2019, at 8:00 PM, Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov> wrote:

Glen,

I do not know what Linc and you discussed, but I believe that CARB has not yet approved of your test plan. Staff just received the referenced procedures. We'll review them and give you comments shortly.



Jackie Lourenco
 Chief, NVEPB
 626-450-6152

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Tuesday, March 19, 2019 10:41 AM
To: Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>
Cc: Pittel, Kimberly (K.L.) <kpittel@ford.com>; Savage, Justin A. <jsavage@sidley.com>; Hebert, Annette@ARB <annette.hebert@arb.ca.gov>; Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>; 'Wehrly, Linc' <wehrly.linc@epa.gov>; Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>;

brooks.phillip@epamail.epa.gov; Belser.Evan@epa.gov

Subject: Confidential Business Information: As Requested: Ford Roadload Test Plan

Sensitivity: Confidential

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Confidential Business Information

Byron and Mark,

Please find attached the follow-up to our meeting last Friday, as promised. I will keep Linc Wehrly and Lisa Yacoubian apprised of the testing progress as discussed in the meeting.

Kind regards,

Glen A. Heiser

*Manager, Emissions Certification, Homologation & Compliance
Vehicle Homologation & Compliance, SE&SE*

O: 313-59-40738

C: 313-348-4512

<image003.png>

Message

From: Lourenco, Jackie@ARB [Jackie.Lourenco@arb.ca.gov]
Sent: 3/20/2019 12:00:22 AM
To: Heiser, Glen (G.A.) [gheiser@ford.com]; Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]; Fuentes, Mark@ARB [Mark.Fuentes@arb.ca.gov]
CC: Pittel, Kimberly (K.L.) [kpittel@ford.com]; Savage, Justin A. [jsavage@sidley.com]; Hebert, Annette@ARB [annette.hebert@arb.ca.gov]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Cecere, Ian@ARB [Ian.Cecere@arb.ca.gov]; Yacoubian, Lisa@ARB [lisa.yacoubian@arb.ca.gov]; Brooks, Phillip [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e89130d467df414390f076286d938815-Brooks, Phillip]; Belser, Evan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d9a0635c271a4bac9c20634e45083c66-Belser, Evan]
Subject: RE: Confidential Business Information: As Requested: Ford Roadload Test Plan
Sensitivity: Company Confidential

Glen,
 I do not know what Linc and you discussed, but I believe that CARB has not yet approved of your test plan. Staff just received the referenced procedures. We'll review them and give you comments shortly.



Jackie Lourenco
 Chief, NVEPB
 626-450-6152

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Tuesday, March 19, 2019 10:41 AM
To: Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>
Cc: Pittel, Kimberly (K.L.) <kpittel@ford.com>; Savage, Justin A. <jsavage@sidley.com>; Hebert, Annette@ARB <annette.hebert@arb.ca.gov>; Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>; 'Wehrly, Linc' <wehrly.linc@epa.gov>; Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>; brooks.phillip@epamail.epa.gov; Belser.Evan@epa.gov
Subject: Confidential Business Information: As Requested: Ford Roadload Test Plan
Sensitivity: Confidential

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Confidential Business Information

Byron and Mark,

Please find attached the follow-up to our meeting last Friday, as promised. I will keep Linc Wehrly and Lisa Yacoubian apprised of the testing progress as discussed in the meeting.

Kind regards,

Glen A. Heiser

*Manager, Emissions Certification, Homologation & Compliance
Vehicle Homologation & Compliance, SE&SE*

O: 313-59-40738

C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

Certification Summary Information Report

Test Group	KFMX102.33MC	Evaporative/Refueling Family	KFMXR0135NDV
Emission Data Vehicle Information			
Vehicle ID / Configuration	KFG1-2.3-EH-366 / 0	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	KFMX102.33MC	Original Evaporative/Refueling Family	KFMXR0135NDV
Original Test Vehicle Model Year	2019		
Vehicle Model			
Represented Test Vehicle Make	Ford	Represented Test Vehicle Model	Ranger - Chassis Cab
Leak Family Details			
Leak Family Identifier	--	Leak Family Name	--
Drive Sources and Fuel System Details			
Drive Source and Fuel#		Drive Source	Fuel
1		Combustion Engine	Gasoline
Hybrid Indicator	No		
Multiple Fuel Storage	--	Multiple Fuel Combustion	--
Fuel Cell Indicator	--	Rechargeable Energy Storage System Indicator	--
Rechargeable Energy Storage System	--	Rechargeable Energy Storage System, if 'Other'	--
Off-board charge Capable Indicator	--		
Odometer Correction -- Initial	0	Odometer Correction Factor	1.03
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles		
Odometer Correction Units	Miles		
Engine Code	KTEGN3NA02	Rated Horsepower	270
Displacement (liters)	2.3		
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'	
Number of Air Aspiration Devices	1	Air Aspiration Device Configuration	Single
Charge Air Cooler Type	Air	Drive Mode While Testing	2-Wheel Drive, Rear
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)
Curb Weight (lbs)	5025	Equivalent Test Weight (pounds)	5250
GVWR (lbs)	6050	N/V Ratio	27.4
Axle Ratio	3.73		
Transmission Type	Semi-Automatic	# of Transmission Gears	10
Transmission Lockup	Yes	Creep Gear	No

Date: 11/14/2018 09:16:27 AM

Certification Summary Information Report

Test Group	KFMX102.33MC			Evaporative/Refueling Family			KFMXR0135NDV
Dynamometer Coefficients:							
Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Evap	30.46	0.1952	0.05387	15.23	0.03904	0.05387	23.3
Cold CO	30.46	0.1952	0.05387	15.23	0.03904	0.05387	N/A
US06	30.46	0.1952	0.05387	15.23	0.03904	0.05387	N/A
Emission Control Device Comments	T3B125/ULEV125						
Manufacturer Test Vehicle Comments	2.3L Ford Ranger Chassis Cab						

Certification Summary Information Report

Test Group	KFMX102.33MC	Evaporative/Refueling Family	KFMXR0135NDV
Emission Data Vehicle Information			
Vehicle ID / Configuration	KFG1-2.3-EH-366 / 0	Manufacturer Vehicle Configuration Number	0
Original Test Group Name	KFMX102.33MC	Original Evaporative/Refueling Family	KFMXR0135NDV
Original Test Vehicle Model Year	2019		
Vehicle Model			
Represented Test Vehicle Make	Ford	Represented Test Vehicle Model	Ranger - Chassis Cab
Leak Family Details			
Leak Family Identifier	--	Leak Family Name	--
Drive Sources and Fuel System Details			
Drive Source and Fuel#		Drive Source	Fuel
1		Combustion Engine	Gasoline
Hybrid Indicator	No		
Multiple Fuel Storage	--	Multiple Fuel Combustion	--
Fuel Cell Indicator	--	Rechargeable Energy Storage System Indicator	--
Rechargeable Energy Storage System	--	Rechargeable Energy Storage System, if 'Other'	--
Off-board charge Capable Indicator	--		
Odometer Correction -- Initial	0	Odometer Correction Factor	1.03
Odometer Correction Sign	+ = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles		
Odometer Correction Units	Miles		
Engine Code	KTEGN3NA02	Rated Horsepower	270
Displacement (liters)	2.3		
Air Aspiration Method	Turbocharged	Air Aspiration Method, if 'Other'	
Number of Air Aspiration Devices	1	Air Aspiration Device Configuration	Single
Charge Air Cooler Type	Air	Drive Mode While Testing	2-Wheel Drive, Rear
Shift Indicator Light Usage	Not equipped	Aged Emission Components	4,000 (mi)
Curb Weight (lbs)	5025	Equivalent Test Weight (pounds)	5250
GVWR (lbs)	6050	N/V Ratio	27.4
Axle Ratio	3.73		
Transmission Type	Semi-Automatic	# of Transmission Gears	10
Transmission Lockup	Yes	Creep Gear	No

Certification Summary Information Report

Test Group	KFMXT02.33MC			Evaporative/Refueling Family			KFMXR0135NDV
Dynamometer Coefficients:							
Coefficient Category	Target Coefficients			Set Coefficients			EPA Calculated Total Road Load Horse Power for City/Highway/Exap Coefficients
	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	A (lbf)	B (lbf/mph)	C (lbf/mph**2)	
City/Highway/Exap	30.46	0.1952	0.05387	15.23	0.03904	0.05387	23.3
Cold CO	30.46	0.1952	0.05387	15.23	0.03904	0.05387	N/A
US06	30.46	0.1952	0.05387	15.23	0.03904	0.05387	N/A
Emission Control Device Comments	T3B125/ULEV125						
Manufacturer Test Vehicle Comments	2.3L Ford Ranger Chassis Cab						

Message

From: Harris, Susan V. [svharris@sidley.com]
Sent: 3/14/2019 3:17:47 PM
To: Belser, Evan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d9a0635c271a4bac9c20634e45083c66-Belser, Evan]; Brooks, Phillip [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e89130d467df414390f076286d938815-Brooks, Phillip]; Yacoubian, Lisa@ARB [lisa.yacoubian@arb.ca.gov]
Subject: Ford - EPA & CARB meeting
Attachments: EPA CD Plan presentation for March 14.2019 EPA Mtg (3.8.2019) (v2).pptx

For Discussion Purposes Only
Contains Confidential Business Information

Slides for our meeting now.

SUSAN V. HARRIS
Counsel

SIDLEY AUSTIN LLP
One South Dearborn
Chicago, IL 60603
+1 312 853 4663
svharris@sidley.com
www.sidley.com

SIDLEY

This e-mail is sent by a law firm and may contain information that is privileged or confidential.
If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

Message

From: Savage, Justin A. [jsavage@sidley.com]
Sent: 2/18/2019 6:10:58 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]; Brooks, Phillip [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e89130d467df414390f076286d938815-Brooks, Phillip]; Belser, Evan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d9a0635c271a4bac9c20634e45083c66-Belser, Evan]
Subject: Confidential: Ford Motor Company
Attachments: 240061258_2.pdf

Gentlemen,

Attached is a follow up letter. Additional information will follow. The letter and follow-up information are designated confidential business information and settlement confidential/FRE 408.

Best,
Justin

JUSTIN A. SAVAGE

SIDLEY AUSTIN LLP
1501 K Street, N.W.
Washington, DC 20005
+1 202 736 8853
+1 202 669 6608 (m)
jsavage@sidley.com
www.sidley.com

SIDLEY

This e-mail is sent by a law firm and may contain information that is privileged or confidential.
If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

Message

Sent: 2/19/2019 10:42:04 PM
To: Grundler, Christopher [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d3be58c2cc8545d88cf74f3896d4460f-Grundler, Christopher]
Subject: RE: Confidential: Ford Motor Company

Deliberative Process / Ex. 5

Byron Bunker
Director Compliance Division
Office of Transportation and Air Quality
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105
Bunker.Byron@epa.gov
Phone: (734) 214-4155
Mobile: (734) 353-9623

From: Grundler, Christopher
Sent: Tuesday, February 19, 2019 5:34 PM
To: Bunker, Byron <bunker.byron@epa.gov>
Subject: Re: Confidential: Ford Motor Company

Is Ford coming to the lab?

Christopher Grundler, Director
Office of Transportation and Air Quality
U.S. Environmental Protection Agency
202.564.1682 (Washington DC)
734.214.4207 (Ann Arbor MI)
734.645.5221 (mobile)
www.epa.gov/otaq

On Feb 19, 2019, at 5:31 PM, Bunker, Byron <bunker.byron@epa.gov> wrote:

Deliberative Process / Ex. 5

Byron

Byron Bunker
Director Compliance Division
Office of Transportation and Air Quality
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105
Bunker.Byron@epa.gov<<mailto:Bunker.Byron@epa.gov>>
Phone: (734) 214-4155
Mobile: (734) 353-9623

From: Bharmal, Samina M. <sbharmal@sidley.com>
Sent: Tuesday, February 19, 2019 4:18 PM
To: Bunker, Byron <bunker.byron@epa.gov>; Brooks, Phillip <Brooks.Phillip@epa.gov>; Belser, Evan <Belser.Evan@epa.gov>
Cc: Savage, Justin A. <jsavage@sidley.com>
Subject: Confidential: Ford Motor Company

Good afternoon—

Attached is the information you requested through Justin Savage. This information is designated confidential business information and settlement confidential/FRE 408.

All best,
Samina

SAMINA M. BHARMAL
Associate

SIDLEY AUSTIN LLP
1501 K Street, N.W.
Washington, DC 20005
+1 202 736 8350
sbharmal@sidley.com<<mailto:sbharmal@sidley.com>>
www.sidley.com<<http://www.sidley.com>>
[SIDLEY]

This e-mail is sent by a law firm and may contain information that is privileged or confidential. If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

<image001.png>
<Briefing Deck.pdf>

<VLL Program.pdf>

<Attachment to EPA Disclosure.pdf>

<Org Chart.pdf>

<RDM Schematic.pdf>

Appointment

From: Hardigan, Pete (P.J.) [phardiga@ford.com]
Sent: 2/22/2019 10:48:15 AM
To: annette.hebert@arb.ca.gov; Mark.Fuentes@arb.ca.gov; michael.regenfuss@arb.ca.gov; thomas.montes@arb.ca.gov; john.ellis@arb.ca.gov; Jackie.Lourenco@arb.ca.gov; joshua.cunningham@arb.ca.gov; analisa.bevan@arb.ca.gov; Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Heiser, Glen (G.A.) [gheiser@ford.com]; Whitbeck, Neil (N.G.) [nwhitbec@ford.com]; Zobel, Gretchen (G.P.) [gzobel@ford.com]; Hunsanger, Eric (E.C.) [ehunsang@ford.com]; Fuher, Michael (M.J.) [mfuher@ford.com]; Guenther, Mark (M.T.) [mguenthe@ford.com]; McAlinden, Ken (K.J.) [kmcald@ford.com]; Mccarthy, Chris (C.) [cmccar61@ford.com]; Bogema, John (P.) [jbogema@ford.com]; Lyon, Peter (P.M.) [plyon@ford.com]; Kue, Ace (K.) [akue@ford.com]; Smith, Craig (C.A.) [csmith24@ford.com]

Subject: External Ford Meeting
Location: Conference Call Details

Start: 2/25/2019 7:00:00 PM
End: 2/25/2019 9:00:00 PM
Show Time As: Tentative

Recurrence: (none)

-- Do not delete or change any of the following text. --

Join Meeting

Meeting number (access code): Conference Line Details / Ex. 6

Join by phone

+1-313-248-3668 FordNet 248-3668 / Toll

+1-888-628-3668 US Toll Free Number

[Global call-in numbers](#) | [Toll-free calling restrictions](#)

Join from a video system or application

Dial Conference Line Details / Ex. 6

You can also dial 173.243.2.68 and enter your meeting number.

If you are a host, [go here](#) to view host information.

NOTICE: This meeting may include the option for video. The recording of meetings is prohibited. For company policies on using video: [click here](#)

For additional help with WebEx, Ford users can click on the Digital Worker link:

[WebEx Support](#)

Can't join the meeting? [Contact support](#).

T32MC04

Appointment

From: Hardigan, Pete (P.J.) [phardiga@ford.com]
Sent: 2/22/2019 10:57:48 AM
To: Hardigan, Pete (P.J.) [phardiga@ford.com]; annette.hebert@arb.ca.gov; Mark.Fuentes@arb.ca.gov; michael.regenfuss@arb.ca.gov; thomas.montes@arb.ca.gov; john.ellis@arb.ca.gov; Jackie.Lourenco@arb.ca.gov; joshua.cunningham@arb.ca.gov; analisa.bevan@arb.ca.gov; Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Heiser, Glen (G.A.) [gheiser@ford.com]; Whitbeck, Neil (N.G.) [nwhitbec@ford.com]; Zobel, Gretchen (G.P.) [gzobel@ford.com]; Hunsanger, Eric (E.C.) [ehunsang@ford.com]; Fuher, Michael (M.J.) [mfuher@ford.com]; Guenther, Mark (M.T.) [mguenthe@ford.com]; McAlinden, Ken (K.J.) [kmcald@ford.com]; Mccarthy, Chris (C.) [cmccar61@ford.com]; Bogema, John (P.) [jbogema@ford.com]; Lyon, Peter (P.M.) [plyon@ford.com]; Kue, Ace (K.) [akue@ford.com]; Smith, Craig (C.A.) [csmith24@ford.com]
Subject: External Ford Meeting
Location: Conference Call Details
Start: 2/25/2019 7:00:00 PM
End: 2/25/2019 9:00:00 PM
Show Time As: Tentative

Recurrence: (none)

-- Do not delete or change any of the following text. --

Join Meeting

Meeting number (access code):

Conference Line Details / Ex. 6

Join by phone

+1-313-248-3668 FordNet 248-3668 / Toll

+1-888-628-3668 US Toll Free Number

[Global call-in numbers](#) | [Toll-free calling restrictions](#)

Join from a video system or application

Dial [Conference Line Details / Ex. 6](#)

You can also dial 173.243.2.68 and enter your meeting number.

If you are a host, [go here](#) to view host information.

NOTICE: This meeting may include the option for video. The recording of meetings is prohibited. For company policies on using video: [click here](#)

For additional help with WebEx, Ford users can click on the Digital Worker link:

[WebEx Support](#)

Can't join the meeting? [Contact support](#).

T32MC04

Appointment

From: Davis, Theresa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=44D4095DEB124294BC3B24916CB061BF-DAVIS, THER]
Sent: 3/6/2019 2:32:29 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Snyder, Jim [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=18260d02987d49e280fc03d2a8d18ddd-Snyder, Jim]; Ball, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=92af2ab6f5274bc597249d04358ef25f-Ball, Joel]; Dalton, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5e590ca117f84cc384adcf13b68b4358-Dalton, Joel]; Phillip Brooks (Brooks.Phillip@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e89130d467df414390f076286d938815-Brooks, Phillip]; Belser, Evan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d9a0635c271a4bac9c20634e45083c66-Belser, Evan]; AA-Room-Office-N120-VideoRoom/AA-OTAA-OFFICE [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=user43a3a900]
CC: Cathey, Tawanna [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be1ec938575d4fb1adcb5f4b04571ab7-Cathey, Tawanna]
BCC: AA-Room-Office-C35-ConfRoom/AA-OTAA-OFFICE [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=user38dad7c7]
Subject: Ford Coastdown Tests
Location: AA-Room-Office-C35-ConfRoom/AA-OTAA-OFFICE
Start: 3/14/2019 3:00:00 PM
End: 3/14/2019 5:00:00 PM
Show Time As: Busy

--- Do not delete or change any of the following text. ---

Join meeting in my Webex Personal Room

Conference Line Details / Ex. 6

Join by phone

1-877-480-1629 Call-in toll-free number

Conference Code: Conference Line Details / Ex. 6

Show global numbers

Can't join the meeting?

IMPORTANT NOTICE: Please note that this Webex service allows audio and other information sent during the session to be recorded, which may be discoverable in a legal matter. By joining this session, you automatically consent to such recordings. If you do not consent to being recorded, discuss your concerns with the host or do not join the session.

Appointment

From: Davis, Theresa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=44D4095DEB124294BC3B24916CB061BF-DAVIS, THER]
Sent: 3/6/2019 2:32:29 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Snyder, Jim [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=18260d02987d49e280fc03d2a8d18ddd-Snyder, Jim]; Ball, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=92af2ab6f5274bc597249d04358ef25f-Ball, Joel]; Dalton, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5e590ca117f84cc384adcf13b68b4358-Dalton, Joel]
BCC: AA-Room-Office-N120-VideoRoom/AA-OTAQ-OFFICE [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=user43a3a900]
Subject: Ford Coastdown Tests
Location: AA-Room-Office-N120-VideoRoom/AA-OTAQ-OFFICE
Start: 3/14/2019 3:00:00 PM
End: 3/14/2019 5:00:00 PM
Show Time As: Busy

Deliberative Process / Ex. 5

Office of Transportation and Air Quality
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105
Bunker.Byron@epa.gov
Phone: (734) 214-4155
Mobile: (734) 353-9623

From: Bunker, Byron
Sent: Tuesday, February 19, 2019 5:31 PM
To: Grundler, Christopher <grundler.christopher@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>; Dalton, Joel <Dalton.Joel@epa.gov>; Snyder, Jim <Snyder.Jim@epa.gov>; Ball, Joel <ball.joel@epa.gov>
Subject: FW: Confidential: Ford Motor Company

The materials for our 2PM meeting with Ford are attached. I have given them a very quick read through.

Deliberative Process / Ex. 5

Thanks,

Byron

Byron Bunker
Director Compliance Division
Office of Transportation and Air Quality
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105
Bunker.Byron@epa.gov
Phone: (734) 214-4155
Mobile: (734) 353-9623

From: Bharmal, Samina M. <sbharmal@sidley.com>
Sent: Tuesday, February 19, 2019 4:18 PM
To: Bunker, Byron <bunker.byron@epa.gov>; Brooks, Phillip <Brooks.Phillip@epa.gov>; Belser, Evan <Belser.Evan@epa.gov>
Cc: Savage, Justin A. <jsavage@sidley.com>
Subject: Confidential: Ford Motor Company

Good afternoon—

Attached is the information you requested through Justin Savage. This information is designated confidential business information and settlement confidential/FRE 408.

All best,
Samina

SAMINA M. BHARMAL
Associate

SIDLEY AUSTIN LLP
1501 K Street, N.W.

Washington, DC 20005
+1 202 736 8350
sbharmal@sidley.com
www.sidley.com

<image001.png>

This e-mail is sent by a law firm and may contain information that is privileged or confidential.
If you are not the intended recipient, please delete the e-mail and any attachments and notify us
immediately.

Message

Sent: 2/19/2019 11:08:58 PM
To: Grundler, Christopher [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d3be58c2cc8545d88cf74f3896d4460f-Grundler, Christopher]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Dalton, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5e590ca117f84cc384adcf13b68b4358-Dalton, Joel]; Snyder, Jim [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=18260d02987d49e280fc03d2a8d18ddd-Snyder, Jim]; Ball, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=92af2ab6f5274bc597249d04358ef25f-Ball, Joel]
Subject: RE: Confidential: Ford Motor Company

Deliberative Process / Ex. 5

Byron Bunker
 Director Compliance Division
 Office of Transportation and Air Quality
 Environmental Protection Agency
 2000 Traverwood Drive
 Ann Arbor, MI 48105
Bunker.Byron@epa.gov
 Phone: (734) 214-4155
 Mobile: (734) 353-9623

From: Bunker, Byron
Sent: Tuesday, February 19, 2019 5:31 PM
To: Grundler, Christopher <grundler.christopher@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>; Dalton, Joel <Dalton.Joel@epa.gov>; Snyder, Jim <Snyder.Jim@epa.gov>; Ball, Joel <ball.joel@epa.gov>
Subject: FW: Confidential: Ford Motor Company

The materials for our 2PM meeting with Ford are attached. I have given them a very quick read through.

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Thanks,

Byron

Byron Bunker
 Director Compliance Division
 Office of Transportation and Air Quality
 Environmental Protection Agency
 2000 Traverwood Drive
 Ann Arbor, MI 48105
Bunker.Byron@epa.gov
 Phone: (734) 214-4155

Mobile: (734) 353-9623

From: Bharmal, Samina M. <sbharmal@sidley.com>

Sent: Tuesday, February 19, 2019 4:18 PM

To: Bunker, Byron <bunker.byron@epa.gov>; Brooks, Phillip <Brooks.Phillip@epa.gov>; Belser, Evan <Belser.Evan@epa.gov>

Cc: Savage, Justin A. <jsavage@sidley.com>

Subject: Confidential: Ford Motor Company

Good afternoon—

Attached is the information you requested through Justin Savage. This information is designated confidential business information and settlement confidential/FRE 408.

All best,
Samina

SAMINA M. BHARMAL

Associate

SIDLEY AUSTIN LLP

1501 K Street, N.W.

Washington, DC 20005

+1 202 736 8350

sbharmal@sidley.com

www.sidley.com

SIDLEY

This e-mail is sent by a law firm and may contain information that is privileged or confidential. If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

Appointment

From: Davis, Theresa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=44D4095DEB124294BC3B24916CB061BF-DAVIS, THER]
Sent: 3/6/2019 2:32:29 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Snyder, Jim [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=18260d02987d49e280fc03d2a8d18ddd-Snyder, Jim]; Ball, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=92af2ab6f5274bc597249d04358ef25f-Ball, Joel]; Dalton, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5e590ca117f84cc384adcf13b68b4358-Dalton, Joel]; Phillip Brooks (Brooks.Phillip@epa.gov) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e89130d467df414390f076286d938815-Brooks, Phillip]; Belser, Evan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d9a0635c271a4bac9c20634e45083c66-Belser, Evan]
CC: Cathey, Tawanna [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be1ec938575d4fb1adcb5f4b04571ab7-Cathey, Tawanna]
BCC: AA-Room-Office-N66-ConfRoom/AA-OTAQ-OFFICE [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=userdf897d9c]
Subject: Ford Coastdown Tests
Location: AA-Room-Office-N66-ConfRoom/AA-OTAQ-OFFICE
Start: 3/14/2019 3:00:00 PM
End: 3/14/2019 5:00:00 PM
Show Time As: Busy

-- Do not delete or change any of the following text. --

Join meeting in my Webex Personal Room

Conference Line Details / Ex. 6

Join by phone

1-877-480-1629 Call-in toll-free number

Conference Code: Conference Line Details / Ex. 6

[Show global numbers](#)

[Can't join the meeting?](#)

IMPORTANT NOTICE: Please note that this Webex service allows audio and other information sent during the session to be recorded, which may be discoverable in a legal matter. By joining this session, you automatically consent to such recordings. If you do not consent to being recorded, discuss your concerns with the host or do not join the session.

Appointment

From: Hardigan, Pete (P.J.) [phardiga@ford.com]
Sent: 2/22/2019 10:57:48 AM
To: Hardigan, Pete (P.J.) [phardiga@ford.com]; Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: FW: External Ford Meeting
Location: Conference Call Details
Start: 2/25/2019 7:00:00 PM
End: 2/25/2019 9:00:00 PM
Show Time As: Busy

Recurrence: (none)

-----Original Appointment-----

From: Hardigan, Pete (P.J.) <phardiga@ford.com>
Sent: Friday, February 22, 2019 2:48 AM
To: Hardigan, Pete (P.J.); Hebert, Annette@ARB; Fuentes, Mark@ARB; Regenfuss, Mike@ARB; Montes, Thomas@ARB; Ellis, John@ARB; Lourenco, Jackie@ARB; Cunningham, Joshua@ARB; Bevan, Analisa@ARB; Bunker.Byron@epamail.epa.gov; wehrly.linc@epa.gov; Heiser, Glen (G.A.); Whitbeck, Neil (N.G.); Zobel, Gretchen (G.P.); Hunsanger, Eric (E.C.); Fuher, Michael (M.J.); Guenther, Mark (M.T.); McAlinden, Ken (K.J.); Mccarthy, Chris (C.); Bogema, John (P.); Lyon, Peter (P.M.); Kue, Ace (K.); Smith, Craig (C.A.)
Subject: External Ford Meeting
When: Monday, February 25, 2019 2:00 PM-4:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Conference Call Details

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

-- Do not delete or change any of the following text. --

Join Meeting

Meeting number (access code):

Conference Line Details / Ex. 6

Join by phone

+1-313-248-3668 FordNet 248-3668 / Toll

+1-888-628-3668 US Toll Free Number

[Global call-in numbers](#) | [Toll-free calling restrictions](#)

Join from a video system or application

Dial 718556006@ford.webex.com

You can also dial 173.243.2.68 and enter your meeting number.

If you are a host, [go here](#) to view host information.

NOTICE: *This meeting may include the option for video. The recording of meetings is prohibited. For company policies on using video:* [click here](#)

For additional help with WebEx, Ford users can click on the Digital Worker link:

[WebEx Support](#)

Can't join the meeting? Contact support.

T32MC04

Appointment

From: Davis, Theresa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=44D4095DEB124294BC3B24916CB061BF-DAVIS, THER]
Sent: 2/21/2019 4:11:39 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Wright, DavidA [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4f14a47c701547479b12bee35117d0a9-Wright, David A.]
Subject: Ford
Location: Byron's Office
Start: 2/21/2019 8:30:00 PM
End: 2/21/2019 9:00:00 PM
Show Time As: Busy

Appointment

From: Ball, Joel [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=92AF2AB6F5274BC597249D04358EF25F-BALL, JOEL]
Sent: 3/7/2019 9:19:01 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: Accepted: Ford Coastdown Tests
Location: AA-Room-Office-N120-VideoRoom/AA-OTAQ-OFFICE
Start: 3/14/2019 3:00:00 PM
End: 3/14/2019 5:00:00 PM
Show Time As: Busy

Appointment

From: Snyder, Jim [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=18260D02987D49E280FC03D2A8D18DDD-SNYDER, JIM]
Sent: 3/7/2019 7:33:02 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: Accepted: Ford Coastdown Tests
Location: AA-Room-Office-N120-VideoRoom/AA-OTaq-Office
Start: 3/14/2019 3:00:00 PM
End: 3/14/2019 5:00:00 PM
Show Time As: Busy

Message

From: Davis, Theresa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=44D4095DEB124294BC3B24916CB061BF-DAVIS, THER]
Sent: 3/7/2019 7:22:31 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: RE: Ford Coastdown

Yes I wondered about that. Thanks for the clarification. I will now respond back to Susan.

*Theresa Davis
Technical Support Specialist
USEPA Compliance Division, OTAQ
Serving EPA through SSAI
(734) 214-4540 phone (734) 214-4053 fax
Davis.theresa@epa.gov*



LOVE the life you live, LIVE the life you love. Bob Marley

From: Bunker, Byron
Sent: Thursday, March 07, 2019 2:21 PM
To: Davis, Theresa <Davis.Theresa@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Subject: RE: Ford Coastdown

Sorry, I meant 90 minutes not 30 minutes!

Byron Bunker
Director Compliance Division
Office of Transportation and Air Quality
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105
Bunker.Byron@epa.gov
Phone: (734) 214-4155
Mobile: (734) 353-9623

From: Davis, Theresa
Sent: Thursday, March 07, 2019 2:04 PM
To: Bunker, Byron <bunker.byron@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Subject: RE: Ford Coastdown

Ok...

*Theresa Davis
Technical Support Specialist
USEPA Compliance Division, OTAQ*

*Serving EPA through SSAI
(734) 214-4540 phone (734) 214-4053 fax
Davis.theresa@epa.gov*



LOVE the life you live, LIVE the life you love. Bob Marley

From: Bunker, Byron
Sent: Thursday, March 07, 2019 1:56 PM
To: Davis, Theresa <Davis.Theresa@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Subject: RE: Ford Coastdown

We can give Ford from 11 until 1, although we hope the meeting can be done in 30 minutes.

Byron Bunker
Director Compliance Division
Office of Transportation and Air Quality
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105
Bunker.Byron@epa.gov
Phone: (734) 214-4155
Mobile: (734) 353-9623

From: Davis, Theresa
Sent: Thursday, March 07, 2019 1:20 PM
To: Bunker, Byron <bunker.byron@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Subject: FW: Ford Coastdown

See Susan's questions below.

*Theresa Davis
Technical Support Specialist
USEPA Compliance Division, OTAQ
Serving EPA through SSAI
(734) 214-4540 phone (734) 214-4053 fax
Davis.theresa@epa.gov*



LOVE the life you live, LIVE the life you love. Bob Marley

From: Harris, Susan V. <svharris@sidley.com>
Sent: Thursday, March 07, 2019 12:24 PM
To: Davis, Theresa <Davis.Theresa@epa.gov>
Subject: RE: Ford Coastdown

Theresa –

I have confirmed that 11:00 on March 14th works for us. For planning purposes, how much time will we have with Byron and his team? Thank you.

Susan

SUSAN V. HARRIS
Counsel

SIDLEY AUSTIN LLP
+1 312 853 4663
svharris@sidley.com

From: Harris, Susan V.
Sent: Wednesday, March 6, 2019 8:37 AM
To: 'Davis, Theresa' <Davis.Theresa@epa.gov>
Subject: RE: Ford Coastdown

Theresa – We appreciate your getting back to us so promptly. I will reach out to the others to verify the proposed time and get back to you. It would be helpful to have a room with video capabilities reserved. Thank you.
Susan

SUSAN V. HARRIS
Counsel

SIDLEY AUSTIN LLP
+1 312 853 4663
svharris@sidley.com

From: Davis, Theresa <Davis.Theresa@epa.gov>
Sent: Wednesday, March 6, 2019 8:31 AM
To: Harris, Susan V. <svharris@sidley.com>
Subject: Ford Coastdown

Good Morning,

Byron Bunker has asked me to schedule the above meeting. 11am EST March 14th works best for everyone here in AA2. I can send the meeting for our group and include your folks if you'd like. I can also reserve a video room here in AA2 if necessary. Please let me know your thoughts.

Thank you.

*Theresa Davis
Technical Support Specialist
USEPA Compliance Division, OTAQ
Serving EPA through SSAI
(734) 214-4540 phone (734) 214-4053 fax
Davis.theresa@epa.gov*



LOVE the life you live, LIVE the life you love. Bob Marley

This e-mail is sent by a law firm and may contain information that is privileged or confidential.
If you are not the intended recipient, please delete the e-mail and any attachments and notify us
immediately.

Appointment

From: Wehrly, Linc [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=64E5F31CCB4841018441B3BF074842D0-WEHRLY, LINC]
Sent: 3/7/2019 7:10:27 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: Accepted: Ford Coastdown Tests
Location: AA-Room-Office-N120-VideoRoom/AA-OTaq-Office
Start: 3/14/2019 3:00:00 PM
End: 3/14/2019 5:00:00 PM
Show Time As: Busy

Appointment

From: AA-Room-Office-N120-VideoRoom/AA-OTAQ-OFFICE [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=USER43A3A900]
Sent: 3/7/2019 7:06:39 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: Tentative: Ford Coastdown Tests
Location: AA-Room-Office-N120-VideoRoom/AA-OTAQ-OFFICE
Start: 3/14/2019 3:00:00 PM
End: 3/14/2019 5:00:00 PM
Recurrence: (none)

Your request was received and is pending approval.

Sent by Microsoft Exchange Server 2016

Appointment

From: AA-Room-Office-N120-VideoRoom/AA-OTAQ-OFFICE [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=USER43A3A900]
Sent: 3/6/2019 2:32:45 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: Tentative: Ford Coastdown Tests
Location: AA-Room-Office-N120-VideoRoom/AA-OTAQ-OFFICE
Start: 3/14/2019 3:00:00 PM
End: 3/14/2019 4:00:00 PM
Recurrence: (none)

Your request was received and is pending approval.

Sent by Microsoft Exchange Server 2016

Message

From: Davis, Theresa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=44D4095DEB124294BC3B24916CB061BF-DAVIS, THER]
Sent: 2/25/2019 2:53:50 PM
To: OAR-OTQA-CD (AA) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=11776f6ecf5b404d8f0e354b6c49baab-OAR-OTQA-CD (AA)]; OAR-OTQA-CD (DC) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e49e559dcc1f452fa558b87742b2be84-OAR-OTQA-CD (DC)]; Cook, Leila [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d4536ad140a1461781d78ca67921b02f-Cook, Leila]; Johnson, Francene [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=88468ea753ff450bb6dd6f95717084d3-Johnson, Francene]; Soth, Judith [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=49af9a12ff6e4724849a832c580718ad-Soth, Judit]; Wasenko, Barbara [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=f98f5c6308684d689ad5b6682035b07e-Wasenko, Barbara]; Stewart, Gwen [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3f8c5838943241caadb6005ffadd7db-gstewart]; Barnes, Taryn [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1d0b4111566c47f48c6724bf673dbf95-Barnes, Taryn]; Meekins, Tanya [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b7f46e8a314b46d190b600593fcf4ad3-tmeekins]; Bias-Emanuel, Cynthia [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fdcc71a5f1b34d9eb9b91b52cfedb06e-Bias-Emanue]; Coogan, James [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=dc41f58babf94631aa4acbc7264f64c0-Coogan, Jam]; Swain, Christine [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d42c544323774c92a906ab2e010bc85a-Swain, Chri]
Subject: Compliance Director's Calendar for Monday, February 25, 2019

Byron Bunker's Calendar

Monday, February 25, 2019

9:00 AM-9:30 AM	IO Daily Staff Meeting AA Rm. N-120
10:00 AM-11:00 AM	General with Mary Manners and Janet Cohen Byron's Office
10:00 AM-11:00 AM	Bi-Weekly Reset Rule Issues Meeting AA Rm. C-174/DC Rm. 6520
1:00 PM-2:00 PM	Pre-Brief: Electric Vehicles and Charging Infrastructure AA Rm. C-174/DC Rm. 6520
1:00 PM-2:00 PM	E15/RIN Market Reform Rule Team Meeting AA Rm. N-120/DC Rm. ARN6524

Conference Line Details / Ex. 6

2:00 PM-4:00 PM

External Ford Meeting

Conference Line Details / Ex. 6

2:00 PM-3:00 PM

Wood-to-Electricity Petitions

AA Rm. C-174/DC Rm. 6520

3:00 PM-4:00 PM

Small Refinery CBI/FOIA issues

Conference Line Details / Ex. 6

INFORMATIONAL:

AA

DC

Personal Matters / Ex. 6

Theresa Davis

Technical Support Specialist

USEPA Compliance Division, OTAQ

Serving EPA through SSAI

(734) 214-4540 phone (734) 214-4053 fax

Davis.theresa@epa.gov



LOVE the life you live, LIVE the life you love. Bob Marley

Message

From: Grundler, Christopher [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=D3BE58C2CC8545D88CF74F3896D4460F-GRUNDLER, CHRISTOPHER]
Sent: 2/19/2019 10:33:33 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: Re: Confidential: Ford Motor Company

Is Ford coming to the lab?

Christopher Grundler, Director
Office of Transportation and Air Quality
U.S. Environmental Protection Agency
202.564.1682 (Washington DC)
734.214.4207 (Ann Arbor MI)
734.645.5221 (mobile)
www.epa.gov/otaq

On Feb 19, 2019, at 5:31 PM, Bunker, Byron <bunker.byron@epa.gov> wrote:

The materials for our 2PM meeting with Ford are attached. I have given them a very quick read through. **Deliberative Process / Ex. 5**

Thanks,

Byron

Byron Bunker
Director Compliance Division
Office of Transportation and Air Quality
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105
Bunker.Byron@epa.gov <<mailto:Bunker.Byron@epa.gov>>
Phone: (734) 214-4155
Mobile: (734) 353-9623

From: Bharmal, Samina M. <sbharmal@sidley.com>
Sent: Tuesday, February 19, 2019 4:18 PM
To: Bunker, Byron <bunker.byron@epa.gov>; Brooks, Phillip <Brooks.Phillip@epa.gov>;
Belser, Evan <Belser.Evan@epa.gov>
Cc: Savage, Justin A. <jsavage@sidley.com>
Subject: Confidential: Ford Motor Company

Good afternoon—

Attached is the information you requested through Justin Savage. This information is designated confidential business information and settlement confidential/FRE 408.

All best,
Samina

SAMINA M. BHARMAL
Associate

SIDLEY AUSTIN LLP
1501 K Street, N.W.
Washington, DC 20005
+1 202 736 8350
sbharmal@sidley.com<<mailto:sbharmal@sidley.com>>
www.sidley.com<<http://www.sidley.com>>
[SIDLEY]

This e-mail is sent by a law firm and may contain information that is privileged or confidential.
If you are not the intended recipient, please delete the e-mail and any attachments and notify us
immediately.

<image001.png>
<Briefing Deck.pdf>
<VLL Program.pdf>
<Attachment to EPA Disclosure.pdf>
<Org Chart.pdf>
<RDM Schematic.pdf>

Message

From: Grundler, Christopher [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=D3BE58C2CC8545D88CF74F3896D4460F-GRUNDLER, CHRISTOPHER]
Sent: 2/19/2019 10:32:58 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
CC: Cook, Leila [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d4536ad140a1461781d78ca67921b02f-Cook, Leila]
Subject: Re: Confidential: Ford Motor Company

Deliberative Process / Ex. 5

 Christopher Grundler, Director
 Office of Transportation and Air Quality
 U.S. Environmental Protection Agency
 202.564.1682 (Washington DC)
 734.214.4207 (Ann Arbor MI)
 734.645.5221 (mobile)
www.epa.gov/otaq

On Feb 19, 2019, at 5:31 PM, Bunker, Byron <bunker.byron@epa.gov> wrote:

The materials for our 2PM meeting with Ford are attached. I have given them a very quick read through.

Deliberative Process / Ex. 5

Thanks,

Byron

Byron Bunker
 Director Compliance Division
 Office of Transportation and Air Quality
 Environmental Protection Agency
 2000 Traverwood Drive
 Ann Arbor, MI 48105
Bunker.Byron@epa.gov <<mailto:Bunker.Byron@epa.gov>>
 Phone: (734) 214-4155
 Mobile: (734) 353-9623

From: Bharmal, Samina M. <sbharmal@sidley.com>
 Sent: Tuesday, February 19, 2019 4:18 PM
 To: Bunker, Byron <bunker.byron@epa.gov>; Brooks, Phillip <Brooks.Phillip@epa.gov>;
 Belser, Evan <Belser.Evan@epa.gov>
 Cc: Savage, Justin A. <jsavage@sidley.com>
 Subject: Confidential: Ford Motor Company

Good afternoon—

Attached is the information you requested through Justin Savage. This information is designated confidential business information and settlement confidential/FRE 408.

All best,
Samina

SAMINA M. BHARMAL
Associate

SIDLEY AUSTIN LLP
1501 K Street, N.W.
Washington, DC 20005
+1 202 736 8350
sbharmal@sidley.com<<mailto:sbharmal@sidley.com>>
www.sidley.com<<http://www.sidley.com>>
[SIDLEY]

This e-mail is sent by a law firm and may contain information that is privileged or confidential. If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

<image001.png>
<Briefing Deck.pdf>
<VLL Program.pdf>
<Attachment to EPA Disclosure.pdf>
<Org Chart.pdf>
<RDM Schematic.pdf>

Message

From: Harris, Susan V. [svharris@sidley.com]
Sent: 3/14/2019 3:22:29 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]; Davis, Theresa [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=44d4095deb124294bc3b24916cb061bf-Davis, Ther]; Pittel, Kimberly (K.L.) [kpittel@ford.com]; Savage, Justin A. [jsavage@sidley.com]; David P. Garrett (davidpgarrett@gmail.com) [davidpgarrett@gmail.com]; gheiser@ford.com
CC: Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; ian.cecere@arb.ca.gov; Sax, Todd@ARB [todd.sax@arb.ca.gov]; Fuentes, Mark@ARB [Mark.Fuentes@arb.ca.gov]; Yacoubian, Lisa@ARB [lisa.yacoubian@arb.ca.gov]; Belser, Evan [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d9a0635c271a4bac9c20634e45083c66-Belser, Evan]; Binder, Gregory@ARB [gregory.binder@arb.ca.gov]
Subject: RE: Susan Harris's Personal Room
Importance: High

Apologies for the late start. We are having technical problems. Please use this call-in. I sent the slides separately.

Conference Line Details / Ex. 6

SUSAN V. HARRIS
 Counsel

SIDLEY AUSTIN LLP
 +1 312 853 4663
svharris@sidley.com

-----Original Appointment-----

From: Harris, Susan V.
Sent: Monday, March 11, 2019 9:46 AM
To: Harris, Susan V.; bunker.byron@epa.gov; Davis, Theresa; Pittel, Kimberly (K.L.); Savage, Justin A.; David P. Garrett (davidpgarrett@gmail.com); gheiser@ford.com
Cc: Wehrly, Linc; ian.cecere@arb.ca.gov; Sax, Todd@ARB; Fuentes, Mark@ARB; Yacoubian, Lisa@ARB; Belser, Evan; Binder, Gregory@ARB
Subject: Susan Harris's Personal Room
When: Thursday, March 14, 2019 10:00 AM-12:00 PM (UTC-06:00) Central Time (US & Canada).
Where: Meeting at EPA in Ann Arbor; see information below to join via WebEx

-- Do not delete or change any of the following text. --

Join meeting in my Webex Personal Room

Conference Line Details / Ex. 6

Join by phone

1-877-480-1629 Call-in toll-free number

Conference Line Details / Ex. 6

[Show global numbers](#)

[Can't join the meeting?](#)

IMPORTANT NOTICE: Please note that this Webex service allows audio and other information sent during the session to be recorded, which may be discoverable in a legal matter. By joining this session, you automatically consent to such recordings. If you do not consent to being recorded, discuss your concerns with the host or do not join the session.

This e-mail is sent by a law firm and may contain information that is privileged or confidential.
If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

Message

From: Davis, Theresa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=44D4095DEB124294BC3B24916CB061BF-DAVIS, THER]
Sent: 3/14/2019 1:07:47 PM
To: OAR-OTAQ-CD (AA) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=11776f6ecf5b404d8f0e354b6c49baab-OAR-OTAQ-CD (AA)]; OAR-OTAQ-CD (DC) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e49e559dcc1f452fa558b87742b2be84-OAR-OTAQ-CD (DC)]; Cook, Leila [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d4536ad140a1461781d78ca67921b02f-Cook, Leila]; Johnson, Francene [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=88468ea753ff450bb6dd6f95717084d3-Johnson, Francene]; Wasenko, Barbara [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=f98f5c6308684d689ad5b6682035b07e-Wasenko, Barbara]; Stewart, Gwen [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3f8c5838943241caadb6005ffaddd7db-gstewart]; Barnes, Taryn [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1d0b4111566c47f48c6724bf673dbf95-Barnes, Taryn]; Meekins, Tanya [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b7f46e8a314b46d190b600593fcf4ad3-tmeekins]; Bias-Emanuel, Cynthia [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fdcc71a5f1b34d9eb9b91b52cfedb06e-Bias-Emanuel]; Coogan, James [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=dc41f58babf94631aa4acbc7264f64c0-Coogan, Jam]; Swain, Christine [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d42c544323774c92a906ab2e010bc85a-Swain, Chri]
Subject: Compliance Director's Calendar for Thursday, March 14, 2019

Byron Bunker's Calendar

Thursday, March 14, 2019

9:00 AM-10:00 AM	OGC/OECA/OTAQ Coordination Meeting AA Rm. N-120
10:00 AM-11:00 AM	OTAQ Fuels Weekly Conf. Line: 202-991-0477; Code: <small>Conference Line Details / Ex. 6</small>
11:00AM-1:00 PM	Ford Coast-down Tests AA Rm. N-66
1:00 PM-2:00 PM	Technical Assessment of Maine White Paper AA Rm. N-120/DC Rm. 5528
2:00 PM-3:00 PM	CARB/EPA Technical Compliance call Conf. Line: 866-631-0845; <small>Conference Line Details / Ex. 6</small>
2:00 PM-3:00 PM	Indoor Air Quality Follow-Up/Emergency Prep Check-In AA Rm. N-120/DC Rm. 5528
3:00 PM-5:00 PM	<small>Personal Matters / Ex. 6</small>

INFORMATIONAL:

AA

DC

Personal Matters / Ex. 6

Message

From: Davis, Theresa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=44D4095DEB124294BC3B24916CB061BF-DAVIS, THER]
Sent: 3/14/2019 12:24:50 PM
To: Harris, Susan V. [svharris@sidley.com]
CC: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: RE: Ford meeting

Thank you and see you at 11am. Will you all be arriving at the same time? I would like to alert our security of everyone's arrival.

*Theresa Davis
Technical Support Specialist
USEPA Compliance Division, OTAQ
Serving EPA through SSAI
(734) 214-4540 phone (734) 214-4053 fax
Davis.theresa@epa.gov*



LOVE the life you live, LIVE the life you love. Bob Marley

From: Harris, Susan V. <svharris@sidley.com>
Sent: Thursday, March 14, 2019 8:23 AM
To: Bunker, Byron <bunker.byron@epa.gov>
Cc: Davis, Theresa <Davis.Theresa@epa.gov>
Subject: Ford meeting

Good morning, Byron. Justin asked me to send you the list of participants who will be attending on behalf of Ford today. Justin and I will be joined by Kim Pittel and Glen Heiser from Ford, and our outside technical consultant Dave Garrett from Garrett & Associates.

Also, we have invited CARB to participate in the meeting. I believe Ian Cecere will listen in, but I don't know whether anyone/who else might join.

We look forward to seeing you soon.

Regards,
Susan

Sent with BlackBerry Work (www.blackberry.com)

This e-mail is sent by a law firm and may contain information that is privileged or confidential. If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

Appointment

From: AA-Room-Office-N66-ConfRoom/AA-OTAQ-OFFICE [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=USERDF897D9C]
Sent: 3/11/2019 3:33:51 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: Accepted: Ford Coastdown Tests
Location: AA-Room-Office-N66-ConfRoom/AA-OTAQ-OFFICE
Start: 3/14/2019 3:00:00 PM
End: 3/14/2019 5:00:00 PM

Recurrence: (none)

Your request was accepted.

Sent by Microsoft Exchange Server 2016

Appointment

From: Belser, Evan [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=D9A0635C271A4BAC9C20634E45083C66-BELSER, EVAN]
Sent: 3/11/2019 3:29:46 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: Accepted: Ford Coastdown Tests
Location: AA-Room-Office-C35-ConfRoom/AA-OTAQ-OFFICE

Start: 3/14/2019 3:00:00 PM
End: 3/14/2019 5:00:00 PM

Recurrence: (none)

Appointment

From: AA-Room-Office-N120-VideoRoom/AA-OTAQ-OFFICE [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=USER43A3A900]
Sent: 3/11/2019 3:26:47 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: Tentative: Ford Coastdown Tests
Location: AA-Room-Office-C35-ConfRoom/AA-OTAQ-OFFICE
Start: 3/14/2019 3:00:00 PM
End: 3/14/2019 5:00:00 PM

Recurrence: (none)

Your request was received and is pending approval.

Sent by Microsoft Exchange Server 2016

Appointment

From: AA-Room-Office-C35-ConfRoom/AA-OTAQ-OFFICE [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=USER38DAD7C7]
Sent: 3/11/2019 3:26:49 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: Accepted: Ford Coastdown Tests
Location: AA-Room-Office-C35-ConfRoom/AA-OTAQ-OFFICE
Start: 3/14/2019 3:00:00 PM
End: 3/14/2019 5:00:00 PM

Recurrence: (none)

Your request was accepted.

Sent by Microsoft Exchange Server 2016

Message

From: Davis, Theresa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=44D4095DEB124294BC3B24916CB061BF-DAVIS, THER]
Sent: 3/7/2019 7:04:19 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]
Subject: RE: Ford Coastdown

Ok...

*Theresa Davis
Technical Support Specialist
USEPA Compliance Division, OTAQ
Serving EPA through SSAI
(734) 214-4540 phone (734) 214-4053 fax
Davis.theresa@epa.gov*



LOVE the life you live, LIVE the life you love. Bob Marley

From: Bunker, Byron
Sent: Thursday, March 07, 2019 1:56 PM
To: Davis, Theresa <Davis.Theresa@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Subject: RE: Ford Coastdown

We can give Ford from 11 until 1, although we hope the meeting can be done in 30 minutes.

Byron Bunker
Director Compliance Division
Office of Transportation and Air Quality
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105
Bunker.Byron@epa.gov
Phone: (734) 214-4155
Mobile: (734) 353-9623

From: Davis, Theresa
Sent: Thursday, March 07, 2019 1:20 PM
To: Bunker, Byron <bunker.byron@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Subject: FW: Ford Coastdown

See Susan's questions below.

Theresa Davis

*Technical Support Specialist
USEPA Compliance Division, OTAQ
Serving EPA through SSAI
(734) 214-4540 phone (734) 214-4053 fax
Davis.theresa@epa.gov*



LOVE the life you live, LIVE the life you love. Bob Marley

From: Harris, Susan V. <svharris@sidley.com>
Sent: Thursday, March 07, 2019 12:24 PM
To: Davis, Theresa <Davis.Theresa@epa.gov>
Subject: RE: Ford Coastdown

Theresa ---

I have confirmed that 11:00 on March 14th works for us. For planning purposes, how much time will we have with Byron and his team? Thank you.

Susan

SUSAN V. HARRIS
Counsel

SIDLEY AUSTIN LLP
+1 312 853 4663
svharris@sidley.com

From: Harris, Susan V.
Sent: Wednesday, March 6, 2019 8:37 AM
To: 'Davis, Theresa' <Davis.Theresa@epa.gov>
Subject: RE: Ford Coastdown

Theresa – We appreciate your getting back to us so promptly. I will reach out to the others to verify the proposed time and get back to you. It would be helpful to have a room with video capabilities reserved. Thank you.

Susan

SUSAN V. HARRIS
Counsel

SIDLEY AUSTIN LLP
+1 312 853 4663
svharris@sidley.com

From: Davis, Theresa <Davis.Theresa@epa.gov>
Sent: Wednesday, March 6, 2019 8:31 AM
To: Harris, Susan V. <svharris@sidley.com>
Subject: Ford Coastdown

Good Morning,

Byron Bunker has asked me to schedule the above meeting. 11am EST March 14th works best for everyone here in AA2. I can send the meeting for our group and include your folks if you'd like. I can also reserve a video room here in AA2 if necessary. Please let me know your thoughts.

Thank you.

*Theresa Davis
Technical Support Specialist
USEPA Compliance Division, OTAQ
Serving EPA through SSAI
(734) 214-4540 phone (734) 214-4053 fax
Davis.theresa@epa.gov*



LOVE the life you live, LIVE the life you love. Bob Marley

This e-mail is sent by a law firm and may contain information that is privileged or confidential.
If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

Message

From: Davis, Theresa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=44D4095DEB124294BC3B24916CB061BF-DAVIS, THER]
Sent: 3/7/2019 6:19:41 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]
Subject: FW: Ford Coastdown

See Susan's questions below.

*Theresa Davis
Technical Support Specialist
USEPA Compliance Division, OTAQ
Serving EPA through SSAI
(734) 214-4540 phone (734) 214-4053 fax
Davis.theresa@epa.gov*



LOVE the life you live, LIVE the life you love. Bob Marley

From: Harris, Susan V. <svharris@sidley.com>
Sent: Thursday, March 07, 2019 12:24 PM
To: Davis, Theresa <Davis.Theresa@epa.gov>
Subject: RE: Ford Coastdown

Theresa –

I have confirmed that 11:00 on March 14th works for us. For planning purposes, how much time will we have with Byron and his team? Thank you.

Susan

SUSAN V. HARRIS
Counsel

SIDLEY AUSTIN LLP
+1 312 853 4663
svharris@sidley.com

From: Harris, Susan V.
Sent: Wednesday, March 6, 2019 8:37 AM
To: 'Davis, Theresa' <Davis.Theresa@epa.gov>
Subject: RE: Ford Coastdown

Theresa – We appreciate your getting back to us so promptly. I will reach out to the others to verify the proposed time and get back to you. It would be helpful to have a room with video capabilities reserved. Thank you.

Susan

SUSAN V. HARRIS
Counsel

SIDLEY AUSTIN LLP
+1 312 853 4663
svharris@sidley.com

From: Davis, Theresa <Davis.Theresa@epa.gov>
Sent: Wednesday, March 6, 2019 8:31 AM
To: Harris, Susan V. <svharris@sidley.com>
Subject: Ford Coastdown

Good Morning,

Byron Bunker has asked me to schedule the above meeting. 11am EST March 14th works best for everyone here in AA2. I can send the meeting for our group and include your folks if you'd like. I can also reserve a video room here in AA2 if necessary. Please let me know your thoughts.

Thank you.

*Theresa Davis
Technical Support Specialist
USEPA Compliance Division, OTAQ
Serving EPA through SSAI
(734) 214-4540 phone (734) 214-4053 fax
Davis.theresa@epa.gov*



LOVE the life you live, LIVE the life you love. Bob Marley

This e-mail is sent by a law firm and may contain information that is privileged or confidential. If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

Appointment

From: Dalton, Joel [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5E590CA117F84CC384ADCF13B68B4358-DALTON, JOEL]
Sent: 3/6/2019 2:33:57 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: Accepted: Ford Coastdown Tests
Location: AA-Room-Office-N120-VideoRoom/AA-OTaq-Office
Start: 3/14/2019 3:00:00 PM
End: 3/14/2019 4:00:00 PM
Show Time As: Busy

Message

From: Davis, Theresa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=44D4095DEB124294BC3B24916CB061BF-DAVIS, THER]
Sent: 3/6/2019 12:44:13 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: RE: Ford -- Proposed meeting

Ok will do. Have a great day!

*Theresa Davis
Technical Support Specialist
USEPA Compliance Division, OTAQ
Serving EPA through SSAI
(734) 214-4540 phone (734) 214-4053 fax
Davis.theresa@epa.gov*



LOVE the life you live, LIVE the life you love. Bob Marley

From: Bunker, Byron
Sent: Tuesday, March 05, 2019 6:05 PM
To: Harris, Susan V. <svharris@sidley.com>; Wehrly, Linc <wehrly.linc@epa.gov>; Davis, Theresa <Davis.Theresa@epa.gov>
Cc: Brooks, Phillip <Brooks.Phillip@epa.gov>; Belser, Evan <Belser.Evan@epa.gov>; Savage, Justin A. <jsavage@sidley.com>
Subject: RE: Ford -- Proposed meeting

Hi Theresa,

Can you please work with Linc and Susan Harris (copied on this e-mail) to schedule the requested meeting on March 14? I would have a preference to do the meeting in the morning or early afternoon if possible. When coordinating with Linc, we need to make sure that the coast-down experts on his team are available at the time we set (Jim Snyder, Joel Ball and Joel Dalton).

Thanks,

Byron

Byron Bunker
Director Compliance Division
Office of Transportation and Air Quality
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105
Bunker.Byron@epa.gov
Phone: (734) 214-4155
Mobile: (734) 353-9623

From: Harris, Susan V. <svharris@sidley.com>
Sent: Tuesday, March 05, 2019 11:07 AM
To: Bunker, Byron <bunker.byron@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Cc: Brooks, Phillip <Brooks.Phillip@epa.gov>; Belser, Evan <Belser.Evan@epa.gov>; Savage, Justin A. <jsavage@sidley.com>
Subject: Ford -- Proposed meeting

Byron and Linc,

Per your prior discussions with my colleague Justin Savage and others on behalf of Ford, today we will be sending to you a proposed plan to conduct coastdown tests of a number of vehicles under third party oversight. Once you have had a chance to review the plan, we would like to have a meeting to discuss the proposed plan with you. Please let us know your availability on March 14th for the meeting. Thank you very much.

Regards,
Susan

SUSAN V. HARRIS
Counsel

SIDLEY AUSTIN LLP
One South Dearborn
Chicago, IL 60603
+1 312 853 4663
svharris@sidley.com
www.sidley.com

SIDLEY

This e-mail is sent by a law firm and may contain information that is privileged or confidential.
If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

Appointment

From: annette.hebert@arb.ca.gov [annette.hebert@arb.ca.gov]
Sent: 2/25/2019 7:01:34 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: FW: External Ford Meeting
Location: Conference Call Details
Start: 2/25/2019 7:00:00 PM
End: 2/25/2019 9:00:00 PM
Show Time As: Tentative

Recurrence: (none)

-----Original Appointment-----

From: Hardigan, Pete (P.J.) <pjhardiga@ford.com>
Sent: Friday, February 22, 2019 2:48 AM
To: Hardigan, Pete (P.J.); Hebert, Annette@ARB; Fuentes, Mark@ARB; Regenfuss, Mike@ARB; Montes, Thomas@ARB; Ellis, John@ARB; Lourenco, Jackie@ARB; Cunningham, Joshua@ARB; Bevan, Analisa@ARB; Bunker.Byron@epamail.epa.gov; wehrly.jinc@epa.gov; Heiser, Glen (G.A.); Whitbeck, Neil (N.G.); Zobel, Gretchen (G.P.); Hunsanger, Eric (E.C.); Fuher, Michael (M.J.); Guenther, Mark (M.T.); McAlinden, Ken (K.J.); Mccarthy, Chris (C.); Bogema, John (P.); Lyon, Peter (P.M.); Kue, Ace (K.); Smith, Craig (C.A.)
Subject: External Ford Meeting
When: Monday, February 25, 2019 2:00 PM-4:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Conference Call Details

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

-- Do not delete or change any of the following text. --

Join Meeting

Meeting number (access code): Conference Line Details / Ex. 6

Join by phone

+1-313-248-3668 FordNet 248-3668 / Toll

+1-888-628-3668 US Toll Free Number

[Global call-in numbers](#) | [Toll-free calling restrictions](#)

Join from a video system or application

Dial [Conference Line Details / Ex. 6](#)

You can also dial 173.243.2.68 and enter your meeting number.

If you are a host, [go here](#) to view host information.

NOTICE: *This meeting may include the option for video. The recording of meetings is prohibited. For company policies on using video:* [click here](#)

For additional help with WebEx, Ford users can click on the Digital Worker link:

[WebEx Support](#)

Can't join the meeting? [Contact support](#).

T32MC04

Message

From: Snyder, Jim [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=18260D02987D49E280FC03D2A8D18DDD-SNYDER, JIM]
Sent: 2/21/2019 10:36:27 PM
To: Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Ball, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=92af2ab6f5274bc597249d04358ef25f-Ball, Joel]; Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]; Dalton, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5e590ca117f84cc384adcf13b68b4358-Dalton, Joel]; Wright, DavidA [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4f14a47c701547479b12bee35117d0a9-Wright, David A.]; Fernandez, Antonio [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d55116a355544048b06c0aa85f17aa7c-Fernandez, Antonio]
Subject: RE: Ford Probes Its Emissions Testing After Workers Find a Problem

More from Ford spokesperson,

<https://www.reuters.com/article/us-autos-ford-emissions/ford-probing-possible-problems-with-fuel-economy-emissions-tests-idUSKCN1QA2U0>

From: Snyder, Jim
Sent: Thursday, February 21, 2019 4:58 PM
To: Linc Wehrly <Wehrly.Linc@epa.gov>; Ball, Joel <ball.joel@epa.gov>; Bunker, Byron <bunker.byron@epa.gov>; Dalton, Joel <Dalton.Joel@epa.gov>
Subject: Ford Probes Its Emissions Testing After Workers Find a Problem

<https://www.bloomberg.com/news/articles/2019-02-21/ford-probes-its-emissions-testing-after-workers-find-a-problem>

Appointment

From: Wehrly, Linc [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=64E5F31CCB4841018441B3BF074842D0-WEHRLY, LINC]
Sent: 2/21/2019 5:35:14 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: Declined: Ford
Location: Byron's Office

Start: 2/21/2019 8:30:00 PM
End: 2/21/2019 9:00:00 PM

Recurrence: (none)

Appointment

From: Wright, DavidA [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=4F14A47C701547479B12BEE35117D0A9-WRIGHT, DAVID A.]
Sent: 2/21/2019 4:13:27 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: Accepted: Ford
Location: Byron's Office

Start: 2/21/2019 8:30:00 PM
End: 2/21/2019 9:00:00 PM
Show Time As: Busy

Message

From: Bunker, Byron [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DDF7BCF023D241A9A477A2DC75D5901C-BUNKER, BYRON]
Sent: 2/20/2019 7:08:15 PM
To: Cook, Leila [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=d4536ad140a1461781d78ca67921b02f-Cook, Leila]
Subject: FW: Confidential: Ford Motor Company
Attachments: Briefing Deck.pdf; VLL Program.pdf; Attachment to EPA Disclosure.pdf; Org Chart.pdf; RDM Schematic.pdf

Byron Bunker
Director Compliance Division
Office of Transportation and Air Quality
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105
Bunker.Byron@epa.gov
Phone: (734) 214-4155
Mobile: (734) 353-9623

From: Bunker, Byron
Sent: Tuesday, February 19, 2019 5:31 PM
To: Grundler, Christopher <grundler.christopher@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>; Dalton, Joel <Dalton.Joel@epa.gov>; Snyder, Jim <Snyder.Jim@epa.gov>; Ball, Joel <ball.joel@epa.gov>
Subject: FW: Confidential: Ford Motor Company

The materials for our 2PM meeting with Ford are attached. I have given them a very quick read through.

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Thanks,

Byron

Byron Bunker
Director Compliance Division
Office of Transportation and Air Quality
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105
Bunker.Byron@epa.gov
Phone: (734) 214-4155
Mobile: (734) 353-9623

From: Bharmal, Samina M. <sbharmal@sidley.com>
Sent: Tuesday, February 19, 2019 4:18 PM
To: Bunker, Byron <bunker.byron@epa.gov>; Brooks, Phillip <Brooks.Phillip@epa.gov>; Belser, Evan

[<Beiser.Evan@epa.gov>](mailto:Beiser.Evan@epa.gov)

Cc: Savage, Justin A. [<jsavage@sidley.com>](mailto:jsavage@sidley.com)

Subject: Confidential: Ford Motor Company

Good afternoon—

Attached is the information you requested through Justin Savage. This information is designated confidential business information and settlement confidential/FRE 408.

All best,
Samina

SAMINA M. BHARMAL
Associate

SIDLEY AUSTIN LLP
1501 K Street, N.W.
Washington, DC 20005
+1 202 736 8350
sbharmal@sidley.com
www.sidley.com

SIDLEY

This e-mail is sent by a law firm and may contain information that is privileged or confidential.
If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

Deliberative Process / Ex. 5

www.epa.gov/otaq

On Feb 19, 2019, at 6:19 PM, Bunker, Byron <bunker.byron@epa.gov> wrote:

Deliberative Process / Ex. 5

Byron Bunker
Director Compliance Division
Office of Transportation and Air Quality
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105
Bunker.Byron@epa.gov
Phone: (734) 214-4155
Mobile: (734) 353-9623

From: Bunker, Byron
Sent: Tuesday, February 19, 2019 5:31 PM
To: Grundler, Christopher <grundler.christopher@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>; Dalton, Joel <Dalton.Joel@epa.gov>; Snyder, Jim <Snyder.Jim@epa.gov>; Ball, Joel <ball.joel@epa.gov>
Subject: FW: Confidential: Ford Motor Company

The materials for our 2PM meeting with Ford are attached. I have given them a very quick read through. Deliberative Process / Ex. 5

Thanks,

Byron

Byron Bunker
Director Compliance Division
Office of Transportation and Air Quality
Environmental Protection Agency
2000 Traverwood Drive
Ann Arbor, MI 48105
Bunker.Byron@epa.gov
Phone: (734) 214-4155
Mobile: (734) 353-9623

From: Bharmal, Samina M. <sbharmal@sidley.com>
Sent: Tuesday, February 19, 2019 4:18 PM
To: Bunker, Byron <bunker.byron@epa.gov>; Brooks, Phillip <Brooks.Phillip@epa.gov>; Belser, Evan <Belser.Evan@epa.gov>

Cc: Savage, Justin A. <jsavage@sidley.com>

Subject: Confidential: Ford Motor Company

Good afternoon—

Attached is the information you requested through Justin Savage. This information is designated confidential business information and settlement confidential/FRE 408.

All best,
Samina

SAMINA M. BHARMAL
Associate

SIDLEY AUSTIN LLP
1501 K Street, N.W.
Washington, DC 20005
+1 202 736 8350
sbharmal@sidley.com
www.sidley.com

<image001.png>

This e-mail is sent by a law firm and may contain information that is privileged or confidential.
If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

Appointment

From: Bunker, Byron [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DDF7BCF023D241A9A477A2DC75D5901C-BUNKER, BYRON]
Sent: 2/25/2019 7:00:05 PM
To: Hardigan, Pete (P.J.) [phardiga@ford.com]
Subject: Meeting Forward Notification: External Ford Meeting
Start: 2/25/2019 7:00:00 PM
End: 2/25/2019 7:30:00 PM
Show Time As: Busy

Your meeting was forwarded

Bunker, Byron has forwarded your meeting request to additional people.

Meeting

External Ford Meeting

Meeting Time

Monday, February 25, 2019 2:00 PM - Monday, February 25, 2019 4:00 PM

Recipients

Wright, DavidA

All times listed are in the following time zone: (UTC-05:00) Eastern Time (US & Canada)

Appointment

From: Bunker, Byron [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DDF7BCF023D241A9A477A2DC75D5901C-BUNKER, BYRON]
Sent: 2/25/2019 7:00:04 PM
To: Wright, DavidA [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4f14a47c701547479b12bee35117d0a9-Wright, David A.]
Subject: FW: External Ford Meeting
Location: Conference Call Details
Start: 2/25/2019 7:00:00 PM
End: 2/25/2019 9:00:00 PM
Show Time As: Tentative

-----Original Appointment-----

From: Hardigan, Pete (P.J.) <phardiga@ford.com>
Sent: Friday, February 22, 2019 5:58 AM
To: Hardigan, Pete (P.J.); annette.hebert@arb.ca.gov; Mark.Fuentes@arb.ca.gov; michael.regenfuss@arb.ca.gov; thomas.montes@arb.ca.gov; john.ellis@arb.ca.gov; Jackie.Lourenco@arb.ca.gov; joshua.cunningham@arb.ca.gov; analisa.bevan@arb.ca.gov; Bunker, Byron; Wehrly, Linc; Heiser, Glen (G.A.); Whitbeck, Neil (N.G.); Zobel, Gretchen (G.P.); Hunsanger, Eric (E.C.); Fuher, Michael (M.J.); Guenther, Mark (M.T.); McAlinden, Ken (K.J.); Mccarthy, Chris (C.); Bogema, John (P.); Lyon, Peter (P.M.); Kue, Ace (K.); Smith, Craig (C.A.)
Subject: External Ford Meeting
When: Monday, February 25, 2019 2:00 PM-4:00 PM (UTC-05:00) Eastern Time (US & Canada).
Where: Conference Call Details

-- Do not delete or change any of the following text. --

Join Meeting

Meeting number (access code): [Conference Line Details / Ex. 6](#)

Join by phone

313-248-3668 FordNet 248-3668 / Toll

888-628-3668 US Toll Free Number

[Global call-in numbers](#) | [Toll-free calling restrictions](#)

Join from a video system or application

Dial [Conference Line Details / Ex. 6](#)

You can also dial [Conference Line Details / Ex. 6](#) and enter your meeting number.

If you are a host, [go here](#) to view host information.

NOTICE: *This meeting may include the option for video. The recording of meetings is prohibited. For company policies on using video:* [click here](#)

For additional help with WebEx, Ford users can click on the Digital Worker link:

[WebEx Support](#)

Can't join the meeting? [Contact support](#).

T32MC04

Appointment

From: Bunker, Byron [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DDF7BCF023D241A9A477A2DC75D5901C-BUNKER, BYRON]
Sent: 2/21/2019 4:11:46 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Wright, DavidA [Wright.DavidA@epa.gov]
Subject: Ford
Location: Byron's Office
Start: 2/21/2019 8:30:00 PM
End: 2/21/2019 9:00:00 PM
Show Time As: Free

Appointment

From: Davis, Theresa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=44D4095DEB124294BC3B24916CB061BF-DAVIS, THER]
Sent: 2/21/2019 4:11:44 PM
To: Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Wright, DavidA [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4f14a47c701547479b12bee35117d0a9-Wright, David A.]
Subject: Ford
Location: Byron's Office

Start: 2/21/2019 8:30:00 PM
End: 2/21/2019 9:00:00 PM
Show Time As: Tentative

Appointment

From: Bunker, Byron [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DDF7BCF023D241A9A477A2DC75D5901C-BUNKER, BYRON]
Sent: 3/6/2019 2:32:33 PM
To: Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Snyder, Jim [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=18260d02987d49e280fc03d2a8d18ddd-Snyder, Jim]; Ball, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=92af2ab6f5274bc597249d04358ef25f-Ball, Joel]; Dalton, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5e590ca117f84cc384adcf13b68b4358-Dalton, Joel]
Subject: Ford Coastdown Tests
Location: AA-Room-Office-N120-VideoRoom/AA-OTAQ-OFFICE
Start: 3/14/2019 3:00:00 PM
End: 3/14/2019 5:00:00 PM
Show Time As: Busy

Appointment

From: Hobin, Megan (EC) [megan.hobin@canada.ca]
Sent: 3/13/2019 1:53:27 PM
To: Hobin, Megan (EC) [megan.hobin@canada.ca]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Genier, Maxime (EC) [maxime.genier@canada.ca]; Carrey, Nicholas (EC) [nicholas.carrey@canada.ca]; Fearn, Jim (EC) [jim.fearn@canada.ca]; Rideout, Greg (EC) [greg.rideout@canada.ca]; Boulton, Scott (S.K.) [sboulto1@ford.com]; Werthman, Alyssa (A.A.) [awerthma@ford.com]; Middleton, Kenneth (K.C.) [kmiddle1@ford.com]; McAlinden, Ken (K.J.) [kmcald@ford.com]; Ball, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=92af2ab6f5274bc597249d04358ef25f-Ball, Joel]; Rojeck, Tristin [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be24f2b3500c4142b4fa5dbcc7f88ee6-Rojeck, Tri]; Kirshenblatt, Morrie (EC) [morrie.kirshenblatt@canada.ca]

Subject: FW: ECCC-EPA-Ford Teleconference

Location: 1-877-413-4781 **Conference Line Details / Ex. 6**

Start: 3/25/2019 2:30:00 PM

End: 3/25/2019 3:30:00 PM

Show Time As: Tentative

-----Original Appointment-----

From: Hobin, Megan (EC) <megan.hobin@canada.ca>

Sent: Wednesday, March 13, 2019 9:30 AM

To: Hobin, Megan (EC); Genier, Maxime (EC); Carrey, Nicholas (EC); Fearn, Jim (EC); Rideout, Greg (EC); Boulton, Scott (S.K.); Werthman, Alyssa (A.A.); Middleton, Kenneth (K.C.); McAlinden, Ken (K.J.); Ball, Joel; Rojeck, Tristin; Kirshenblatt, Morrie (EC)

Subject: ECCC-EPA-Ford Teleconference

When: Monday, March 25, 2019 10:30 AM-11:30 AM (UTC-05:00) Eastern Time (US & Canada).

Where: 1-877-413-4781 **Conference Line Details / Ex. 6**

Here are the teleconference details. Feel free to share this invitation to other participants that should be part of our discussions.

Thank you,

Appointment

From: Ball, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=92af2ab6f5274bc597249d04358ef25f-Ball, Joel]
Sent: 3/25/2019 1:57:36 PM
To: Ball, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=92af2ab6f5274bc597249d04358ef25f-Ball, Joel]; AA-Room-Office-N95-ConfRoom-AAOTAQ-Office [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5360e0dd921e41a28ee6cea34bbf580f-AA-Room-Off]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Sohacki, Lynn [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ef46b8bb626b4d839372e708c5e1c0e9-Sohacki, Lynn]; Rojeck, Tristin [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be24f2b3500c4142b4fa5dbcc7f88ee6-Rojeck, Tri]
Subject: room for Ford/E.C. call
Location: N95
Start: 3/25/2019 2:30:00 PM
End: 3/25/2019 3:30:00 PM
Show Time As: Busy

Appointment

From: Heiser, Glen (G.A.) [gheiser@ford.com]
Sent: 3/20/2019 2:45:02 PM
To: Heiser, Glen (G.A.) [gheiser@ford.com]; Rose, Beth (B.A.) [brose5@ford.com]; Harris, Susan V. [svharris@sidley.com]; Lourenco, Jackie@ARB [Jackie.Lourenco@arb.ca.gov]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; lisa.yacoubian@arb.ca.gov
Subject: Privileged & Confidential - Ford Roadload
Location: WebEx
Start: 3/20/2019 3:30:00 PM
End: 3/20/2019 4:00:00 PM
Show Time As: Busy

Privileged & Confidential
Prepared at request of Counsel

Apologies for the short notice. Not sure if everyone is available but I need to get with Jackie early in her day if at all possible.

Thanks,

Glen

--- Do not delete or change any of the following text. ---

Join Meeting

Meeting number (access code): [Conference Line Details / Ex. 6](#)

Join by phone

+1-313-248-3668 FordNet 248-3668 / Toll

[Global call-in numbers](#) | [Toll-free calling restrictions](#)

Join from a video system or application

Dial [Conference Line Details / Ex. 6](#)

You can also dial [Conference Line Details / Ex. 6](#) and enter your meeting number.

If you are a host, [go here](#) to view host information.

NOTICE: *This meeting may include the option for video. The recording of meetings is prohibited. For company policies on using video:* [click here](#)

For additional help with WebEx, Ford users can click on the Digital Worker link: [WebEx Support](#)

Can't join the meeting? Contact support.

T32MC04

Appointment

From: Davis, Theresa [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=44D4095DEB124294BC3B24916CB061BF-DAVIS, THER]
Sent: 3/7/2019 7:05:07 PM
To: Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Snyder, Jim [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=18260d02987d49e280fc03d2a8d18ddd-Snyder, Jim]; Ball, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=92af2ab6f5274bc597249d04358ef25f-Ball, Joel]; Dalton, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5e590ca117f84cc384adcf13b68b4358-Dalton, Joel]
Subject: Ford Coastdown Tests
Location: AA-Room-Office-N120-VideoRoom/AA-OTAQ-OFFICE
Start: 3/14/2019 3:00:00 PM
End: 3/14/2019 5:00:00 PM
Show Time As: Tentative

Appointment

From: Ball, Joel [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=92AF2AB6F5274BC597249D04358EF25F-BALL, JOEL]
Sent: 3/25/2019 1:57:35 PM
To: AA-Room-Office-N95-ConfRoom-AAOTAQ-Office [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5360e0dd921e41a28ee6cea34bbf580f-AA-Room-Off]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Sohacki, Lynn [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ef46b8bb626b4d839372e708c5e1c0e9-Sohacki, Lynn]; Rojeck, Tristin [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be24f2b3500c4142b4fa5dbcc7f88ee6-Rojeck, Tri]
Subject: room for Ford/E.C. call
Location: N95
Start: 3/25/2019 2:30:00 PM
End: 3/25/2019 3:30:00 PM
Show Time As: Tentative

Appointment

From: Ball, Joel [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=92AF2AB6F5274BC597249D04358EF25F-BALL, JOEL]
Sent: 3/13/2019 1:53:26 PM
To: Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]
Subject: FW: ECCC-EPA-Ford Teleconference
Location: 1-877-413-4781 **Conference Line Details / Ex. 6**
Start: 3/25/2019 2:30:00 PM
End: 3/25/2019 3:30:00 PM
Show Time As: Tentative

-----Original Appointment-----

From: Hobin, Megan (EC) <megan.hobin@canada.ca>
Sent: Wednesday, March 13, 2019 9:30 AM
To: Hobin, Megan (EC); Genier, Maxime (EC); Carrey, Nicholas (EC); Fearn, Jim (EC); Rideout, Greg (EC); Boulton, Scott (S.K.); Werthman, Alyssa (A.A.); Middleton, Kenneth (K.C.); McAlinden, Ken (K.J.); Ball, Joel; Rojeck, Tristin; Kirshenblatt, Morrie (EC)
Subject: ECCC-EPA-Ford Teleconference
When: Monday, March 25, 2019 10:30 AM-11:30 AM (UTC-05:00) Eastern Time (US & Canada).
Where: 1-877-413-4781 **Conference Line Details / Ex. 6**

Here are the teleconference details. Feel free to share this invitation to other participants that should be part of our discussions.

Thank you,

Appointment

From: Heiser, Glen (G.A.) [gheiser@ford.com]
Sent: 3/20/2019 2:44:56 PM
To: Rose, Beth (B.A.) [brose5@ford.com]; Harris, Susan V. [svharris@sidley.com]; Lourenco, Jackie@ARB [Jackie.Lourenco@arb.ca.gov]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; lisa.yacoubian@arb.ca.gov
Subject: Privileged & Confidential - Ford Roadload
Location: WebEx
Start: 3/20/2019 3:30:00 PM
End: 3/20/2019 4:00:00 PM
Show Time As: Tentative

Privileged & Confidential
Prepared at request of Counsel

Apologies for the short notice. Not sure if everyone is available but I need to get with Jackie early in her day if at all possible.

Thanks,

Glen

-- Do not delete or change any of the following text. --

[Join Meeting](#)

Meeting number (access code): [Conference Line Details / Ex. 6](#)

Join by phone

+1-313-248-3668 FordNet 248-3668 / Toll

[Global call-in numbers](#) | [Toll-free calling restrictions](#)

Join from a video system or application

Dial [Conference Line Details / Ex. 6](#)

You can also dial [Conference Line Details / Ex. 6](#) and enter your meeting number.

If you are a host, [go here](#) to view host information.

NOTICE: This meeting may include the option for video. The recording of meetings is prohibited. For company policies on using video: [click here](#)

For additional help with WebEx, Ford users can click on the Digital Worker link: [WebEx Support](#)

Can't join the meeting? [Contact support](#).

T32MC04

Message

From: Ball, Joel [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=92AF2AB6F5274BC597249D04358EF25F-BALL, JOEL]
Sent: 3/19/2019 7:52:36 PM
To: Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]
Subject: FW: As Requested: Coastdown Test Methods - Confidential Business Information
Attachments: TM-06.00-R-12630_On-Vehicle Brake Drag Evaluation CBI.pdf; TM-00.00-R-901_Certification Coastdown Procedure for Determining Road Load Horsepower CBI.pdf

Sensitivity: Company Confidential

Hi linc,

I looked over the coastdown test procedure and I do not have any concerns at this time

Joel Ball
Light-Duty Vehicle Group
Compliance Division
Office of Transportation and Air Quality
United States Environmental Protection Agency
(734) 214-4238
ball.joel@epa.gov

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Thursday, March 14, 2019 5:09 PM
To: Ball, Joel <ball.joel@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Subject: As Requested: Coastdown Test Methods - Confidential Business Information
Sensitivity: Confidential

Confidential Business Information

Joel,

Attached are the test methods associated with coastdown testing performed on the track that you requested in the meeting today. Please treat the files as Confidential Business Information. Let me know if you have further questions.

Kind regards,

Glen A. Heiser

*Manager, Emissions Certification, Homologation & Compliance
Vehicle Homologation & Compliance, SE&SE
O: 313-59-40738
C: 313-348-4512*



Ford Motor Company is proud to be among the
World's Most Ethical Companies

Appointment

From: Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group
(FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]
Sent: 3/25/2019 2:21:36 PM
To: Ball, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group
(FYDIBOHF23SPDLT)/cn=Recipients/cn=92af2ab6f5274bc597249d04358ef25f-Ball, Joel]
Subject: Accepted: room for Ford/E.C. call
Location: N95

Start: 3/25/2019 2:30:00 PM
End: 3/25/2019 3:30:00 PM
Show Time As: Busy

Appointment

From: Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group
(FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]
Sent: 3/13/2019 1:55:00 PM
To: Hobin, Megan (EC) [megan.hobin@canada.ca]

Subject: Accepted: FW: ECCC-EPA-Ford Teleconference

Location: 1-877-413-4781 **Conference Line Details / Ex. 6**

Start: 3/25/2019 2:30:00 PM

End: 3/25/2019 3:30:00 PM

Show Time As: Busy

Message

From: Wehrly, Linc [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=64E5F31CCB4841018441B3BF074842D0-WEHRLY, LINC]
Sent: 3/15/2019 11:43:44 AM
To: Dalton, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5e590ca117f84cc384adcf13b68b4358-Dalton, Joel]; Snyder, Jim [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=18260d02987d49e280fc03d2a8d18ddd-Snyder, Jim]; Rojeck, Tristin [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be24f2b3500c4142b4fa5dbcc7f88ee6-Rojeck, Tri]; wright.davida@epa.gov
Subject: FW: As Requested: Coastdown Test Methods - Confidential Business Information
Attachments: TM-06.00-R-12630_On-Vehicle Brake Drag Evaluation CBI.pdf; TM-00.00-R-901_Certification Coastdown Procedure for Determining Road Load Horsepower CBI.pdf

Sensitivity: Company Confidential

Here are the Ford procedures for road load.

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Thursday, March 14, 2019 5:09 PM
To: Ball, Joel <ball.joel@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Subject: As Requested: Coastdown Test Methods - Confidential Business Information
Sensitivity: Confidential

Confidential Business Information

Joel,

Attached are the test methods associated with coastdown testing performed on the track that you requested in the meeting today. Please treat the files as Confidential Business Information. Let me know if you have further questions.

Kind regards,

Glen A. Heiser

Manager, Emissions Certification, Homologation & Compliance

Vehicle Homologation & Compliance, SE&SE

O: 313-59-40738

C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

Message

From: Wehrly, Linc [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=64E5F31CCB4841018441B3BF074842D0-WEHRLY, LINC]
Sent: 3/14/2019 1:10:12 PM
To: Joel Ball [Ball.Joel@epa.gov]; Dalton, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5e590ca117f84cc384adcf13b68b4358-Dalton, Joel]; Snyder, Jim [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=18260d02987d49e280fc03d2a8d18ddd-Snyder, Jim]; Rojeck, Tristin [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be24f2b3500c4142b4fa5dbcc7f88ee6-Rojeck, Tri]; wright.davida@epa.gov
Subject: FW: Ford -- Proposed meeting
Attachments: Ford - Proposed Coastdown Validation Plan [3.5.2019].pdf; Ford - Proposed Coastdown Validation Plan Timeline and Details [3.5.2019].pdf; Ford - Proposed Coastdown Validation Plan Schedule [3.5.2019].pdf

Here are the materials that we will discuss at this mornings road load discussion with Ford at 11 am in N66. Sorry I didn't send this around sooner – I forgot we had it until Byron reminded me.

From: Harris, Susan V. <svharris@sidley.com>
Sent: Tuesday, March 05, 2019 3:56 PM
To: Bunker, Byron <bunker.byron@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>
Cc: Brooks, Phillip <Brooks.Phillip@epa.gov>; Belser, Evan <Belser.Evan@epa.gov>; Savage, Justin A. <jsavage@sidley.com>
Subject: RE: Ford -- Proposed meeting

Contains Confidential Business Information
Settlement Confidential
Subject to FRE 408

Byron and Linc,

As promised, attached is Ford's Proposed Vehicle Coastdown TRLHP Validation Plan ("Proposed Validation Plan") for EPA's review. Please note that we are contemporaneously sending the Proposed Plan to CARB as well. Per my prior message, let us know your availability on March 14th for a meeting/call with Ford and CARB to discuss the Proposed Plan. We look forward to working with you.

Thank you very much.

Regards,
 Susan

SUSAN V. HARRIS
 Counsel

SIDLEY AUSTIN LLP
 +1 312 853 4663
svharris@sidley.com

From: Harris, Susan V.
Sent: Tuesday, March 5, 2019 10:07 AM
To: 'bunker.byron@epa.gov' <bunker.byron@epa.gov>; 'wehrly.linc@epa.gov' <wehrly.linc@epa.gov>
Cc: 'brooks.phillip@epamail.epa.gov' <brooks.phillip@epamail.epa.gov>; 'Belser.Evan@epa.gov' <Belser.Evan@epa.gov>; Savage, Justin A. <jsavage@sidley.com>
Subject: Ford -- Proposed meeting

Byron and Linc,

Per your prior discussions with my colleague Justin Savage and others on behalf of Ford, today we will be sending to you a proposed plan to conduct coastdown tests of a number of vehicles under third party oversight. Once you have had a chance to review the plan, we would like to have a meeting to discuss the proposed plan with you. Please let us know your availability on March 14th for the meeting. Thank you very much.

Regards,
Susan

SUSAN V. HARRIS
Counsel

SIDLEY AUSTIN LLP
One South Dearborn
Chicago, IL 60603
+1 312 853 4663
svharris@sidley.com
www.sidley.com

SIDLEY

This e-mail is sent by a law firm and may contain information that is privileged or confidential.
If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

Appointment

From: Wehrly, Linc [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=64E5F31CCB4841018441B3BF074842D0-WEHRLY, LINC]
Sent: 3/20/2019 2:47:11 PM
To: Heiser, Glen (G.A.) [gheiser@ford.com]
Subject: Accepted: Privileged & Confidential - Ford Roadload
Location: WebEx

Start: 3/20/2019 3:30:00 PM
End: 3/20/2019 4:00:00 PM

Recurrence: (none)

Message

From: Wehrly, Linc [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=64E5F31CCB4841018441B3BF074842D0-WEHRLY, LINC]
Sent: 3/19/2019 6:10:39 PM
To: Rojeck, Tristin [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be24f2b3500c4142b4fa5dbcc7f88ee6-Rojeck, Tri]; Joel Ball [Ball.Joel@epa.gov]; Dalton, Joel [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5e590ca117f84cc384adcf13b68b4358-Dalton, Joel]; Snyder, Jim [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=18260d02987d49e280fc03d2a8d18ddd-Snyder, Jim]; wright.davida@epa.gov
Subject: FW: Confidential Business Information: As Requested: Ford Roadload Test Plan
Attachments: Letter to EPA CARB Final CBI signed.pdf; CBI - Ford - ESF07-031.pdf; CBI - Ford - TM-00.00-L-419_Parasitic Loss - Chassis Rolls Vehicle Test.pdf; CBI - Ford - TM-00.00-L-453_AerodynamicTestsforForcesandMoments.pdf; CBI - Ford - TM-00.00-R-901_Certification Coastdown Procedure for Determining Road Load Horsepower CBI.pdf; CBI - Ford - TM-00.00-R-919_EPA Standard Road Cycle (SRC-2_5_2) Drive Cycle.pdf; CBI - Ford - TM-06.00-R-12630_On-Vehicle Brake Drag Evaluation CBI.pdf
Sensitivity: Company Confidential

FYI

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Tuesday, March 19, 2019 1:41 PM
To: Bunker, Byron <bunker.byron@epa.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>
Cc: Pittel, Kimberly (K.L.) <kpittel@ford.com>; Savage, Justin A. <jsavage@sidley.com>; Hebert, Annette@ARB <annette.hebert@arb.ca.gov>; Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>; Wehrly, Linc <wehrly.linc@epa.gov>; Ian.Cecere@arb.ca.gov; lisa.yacoubian@arb.ca.gov; Brooks, Phillip <Brooks.Phillip@epa.gov>; Belser, Evan <Belser.Evan@epa.gov>
Subject: Confidential Business Information: As Requested: Ford Roadload Test Plan
Sensitivity: Confidential

Confidential Business Information

Byron and Mark,

Please find attached the follow-up to our meeting last Friday, as promised. I will keep Linc Wehrly and Lisa Yacoubian apprised of the testing progress as discussed in the meeting.

Kind regards,

Glen A. Heiser

Manager, Emissions Certification, Homologation & Compliance
 Vehicle Homologation & Compliance, SE&SE

O: 313-59-40738

C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

Message

From: Heiser, Glen (G.A.) [gheiser@ford.com]
Sent: 4/4/2019 4:19:46 PM
To: Yacoubian, Lisa@ARB [lisa.yacoubian@arb.ca.gov]
CC: svharris@sidley.com; Cecere, Ian@ARB [Ian.Cecere@arb.ca.gov]; Pham, Allen@ARB [Allen.Pham@arb.ca.gov]; Fuentes, Mark@ARB [Mark.Fuentes@arb.ca.gov]; Lourenco, Jackie@ARB [Jackie.Lourenco@arb.ca.gov]; Binder, Gregory@ARB [gregory.binder@arb.ca.gov]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: RE: CARB to Ford: Questions Concerning Road Load Issues

Lisa,

Thanks for sharing these questions. Several of my key contacts in this space are out this week so it's a bit difficult to give you a timeline until early next week. My initial thought is we could target 2 weeks from Monday but let me confirm with Susan and other key stakeholders early next week.

Kind regards,

Glen A. Heiser

Manager, Emissions Certification, Homologation & Compliance

Vehicle Homologation & Compliance, SE&SE

O: 313-59-40738

C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

From: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Sent: Tuesday, April 2, 2019 1:57 PM
To: Heiser, Glen (G.A.) <gheiser@ford.com>
Cc: svharris@sidley.com; Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Pham, Allen@ARB <Allen.Pham@arb.ca.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>; Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>; Binder, Gregory@ARB <gregory.binder@arb.ca.gov>; Wehrly, Linc (wehrly.linc@epa.gov) <wehrly.linc@epa.gov>; Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>
Subject: CARB to Ford: Questions Concerning Road Load Issues
Importance: High

Glen,

As promised, here are the questions from CARB. Once you have had the chance to look them over, can you please provide an estimated timeframe on when we can expect a response?

Thank you,

Lisa Yacoubian

Round 1 Questions Concerning Ford Road Load Issues

1.

CBI / Ex. 4

CBI / Ex. 4

 e.g., pages 19 & 22). Does this suggests that even the Coastdown tests were unusual?
2. Can CARB see some specific's about the Road Load Data Manager (RDM), particularly the underlying math and physics the RDM uses to model track coefficients?
3. What is the frequency of the coast down audits? What percentage of a model years test groups are audited?
4.

CBI / Ex. 4

 (Sidley page 13)?
5. What is the source(s) of the variability in the brake drag measurement?
6.

CBI / Ex. 4

 Can Ford expand on what this test entails?
7. When was the new brake dyno put into operation? Are there calibration logs?
8.

CBI / Ex. 4

 Couldn't you get a more repeatable result of the effects of brake friction on a chassis dyno?
9.

CBI / Ex. 4

 Sidley page 16), which is a direct measurement,
10.

CBI / Ex. 4
11. What criteria was used to select brake drag inputs (Sidley page 17)?
12. What lab was engaged to conduct coastdown testing of MY 2019 Ranger?
13.

CBI / Ex. 4

From: Heiser, Glen (G.A.) <gheiser@ford.com>

Sent: Thursday, March 21, 2019 3:55 PM

To: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>

Cc: svharris@sidley.com

Subject: Re: Confidential Business Information: As Requested: Ford Roadload Test Plan

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Lisa, Thank you for the reply. We will proceed.

Glen Heiser

Sent from my iPhone

On Mar 21, 2019, at 1:35 PM, Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov> wrote:

Glen,

CARB technical staff had a chance to review the test plans you sent. At this time, you may proceed with the testing as outlined in the presentation dated March 14, 2019. Jackie's staff does have a few questions which we will send, through Ian Cecere, to you early next week.

Thank you,

Lisa

<image001.png>

Lisa Yacoubian

Manager

Engine & Parts Enforcement Section

Enforcement Division

626.350.6403

From: Heiser, Glen (G.A.) <gheiser@ford.com>

Sent: Tuesday, March 19, 2019 9:48 PM

To: Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>

Cc: Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>; Pittel, Kimberly (K.L.) <kpittel@ford.com>; Savage, Justin A. <jsavage@sidley.com>; Hebert, Annette@ARB <annette.hebert@arb.ca.gov>; Wehrly, Linc <wehrly.linc@epa.gov>; Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>; brooks.phillip@epamail.epa.gov; Belser.Evan@epa.gov

Subject: Re: Confidential Business Information: As Requested: Ford Roadload Test Plan

Sensitivity: Confidential

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks Jackie.

I'll set up a call to discuss with you, Lisa, and Linc on Wednesday to ensure we are aligned.

Best Regards,

Glen Heiser

Sent from my iPhone

On Mar 19, 2019, at 8:00 PM, Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov> wrote:

Glen,

I do not know what Linc and you discussed, but I believe that CARB has not yet approved of your test plan. Staff just received the referenced procedures. We'll review them and give you comments shortly.

<image001.png>

Jackie Lourenco
Chief, NVEPB
626-450-6152

From: Heiser, Glen (G.A.) <gheiser@ford.com>

Sent: Tuesday, March 19, 2019 10:41 AM

To: Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>

Cc: Pittel, Kimberly (K.L.) <kpittel@ford.com>; Savage, Justin A.

<jsavage@sidley.com>; Hebert, Annette@ARB <annette.hebert@arb.ca.gov>;

Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>; 'Wehrly, Linc'

<wehrly.linc@epa.gov>; Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Yacoubian,

Lisa@ARB <lisa.yacoubian@arb.ca.gov>; brooks.phillip@epamail.epa.gov;

Belser.Evan@epa.gov

Subject: Confidential Business Information: As Requested: Ford Roadload Test Plan

Sensitivity: Confidential

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Confidential Business Information

Byron and Mark,

Please find attached the follow-up to our meeting last Friday, as promised. I will keep Linc Wehrly and Lisa Yacoubian apprised of the testing progress as discussed in the meeting.

Kind regards,

Glen A. Heiser

*Manager, Emissions Certification, Homologation & Compliance
Vehicle Homologation & Compliance, SE&SE*

O: 313-59-40738

C: 313-348-4512

<image003.png>

Message

From: Yacoubian, Lisa@ARB [lisa.yacoubian@arb.ca.gov]
Sent: 4/18/2019 4:34:16 PM
To: Harris, Susan V. [svharris@sidley.com]; Heiser, Glen (G.A.) [gheiser@ford.com]
CC: Cecere, Ian@ARB [Ian.Cecere@arb.ca.gov]; Pham, Allen@ARB [Allen.Pham@arb.ca.gov]; Fuentes, Mark@ARB [Mark.Fuentes@arb.ca.gov]; Lourenco, Jackie@ARB [Jackie.Lourenco@arb.ca.gov]; Binder, Gregory@ARB [gregory.binder@arb.ca.gov]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: RE: CARB to Ford: Questions Concerning Road Load Issues

Ms. Harris,

I apologize! You indeed did leave me voicemails. I got a new phone and this one apparently doesn't flash a bright red light like my old phone to let me know I have new voicemails.

I will get back to you soon on a date for the meeting. Sorry for the delay on my end.

Thank you,

Lisa

From: Harris, Susan V. <svharris@sidley.com>
Sent: Wednesday, April 17, 2019 7:23 PM
To: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>; Heiser, Glen (G.A.) <gheiser@ford.com>
Cc: Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Pham, Allen@ARB <Allen.Pham@arb.ca.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>; Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>; Binder, Gregory@ARB <gregory.binder@arb.ca.gov>; Wehrly, Linc (wehrly.linc@epa.gov) <wehrly.linc@epa.gov>; Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>
Subject: RE: CARB to Ford: Questions Concerning Road Load Issues

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ms. Yacoubian –

Thank you for reaching out. Per my voicemail messages to you from the end of last week and this week, we are working on developing responses to CARB's questions. We propose scheduling a meeting at CARB for some time in the next several weeks during which we can share our responses and provide an update on activities since our last meeting. To that end, please let us know what dates/times during the weeks of May 13th and 20th would work for you and your colleagues. We will plan to invite EPA to participate in the meeting as well. Thank you.

Regards,
 Susan

SUSAN V. HARRIS
 Counsel

SIDLEY AUSTIN LLP
 +1 312 853 4663
svharris@sidley.com

From: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Sent: Wednesday, April 17, 2019 3:48 PM
To: Heiser, Glen (G.A.) <gheiser@ford.com>; Harris, Susan V. <svharris@sidley.com>
Cc: Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Pham, Allen@ARB <Allen.Pham@arb.ca.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>; Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>; Binder, Gregory@ARB <gregory.binder@arb.ca.gov>; Wehrly, Linc (wehrly.linc@epa.gov) <wehrly.linc@epa.gov>; Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>
Subject: RE: CARB to Ford: Questions Concerning Road Load Issues

Ms. Harris,

I got an out-of-office reply from Glen that he is out until 4/29. Can you please let me know when we can expect the answers to our questions?

Thank you,

Lisa Yacoubian

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Thursday, April 4, 2019 9:20 AM
To: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Cc: svharris@sidley.com; Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Pham, Allen@ARB <Allen.Pham@arb.ca.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>; Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>; Binder, Gregory@ARB <gregory.binder@arb.ca.gov>; Wehrly, Linc (wehrly.linc@epa.gov) <wehrly.linc@epa.gov>; Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>
Subject: RE: CARB to Ford: Questions Concerning Road Load Issues

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Lisa,

Thanks for sharing these questions. Several of my key contacts in this space are out this week so it's a bit difficult to give you a timeline until early next week. My initial thought is we could target 2 weeks from Monday but let me confirm with Susan and other key stakeholders early next week.

Kind regards,

Glen A. Heiser

*Manager, Emissions Certification, Homologation & Compliance
Vehicle Homologation & Compliance, SE&SE*

O: 313-59-40738

C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

From: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>

Sent: Tuesday, April 2, 2019 1:57 PM

To: Heiser, Glen (G.A.) <gheiser@ford.com>

Cc: svharris@sidley.com; Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Pham, Allen@ARB <Allen.Pham@arb.ca.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>; Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>; Binder, Gregory@ARB <gregory.binder@arb.ca.gov>; Wehrly, Linc (wehrly.linc@epa.gov) <wehrly.linc@epa.gov>; Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>

Subject: CARB to Ford: Questions Concerning Road Load Issues

Importance: High

Glen,

As promised, here are the questions from CARB. Once you have had the chance to look them over, can you please provide an estimated timeframe on when we can expect a response?

Thank you,

Lisa Yacoubian

Round 1 Questions Concerning Ford Road Load Issues

1.

CBI / Ex. 4

CBI / Ex. 4

 (e.g., pages 19 & 22). Does this suggest that even the Coastdown tests were unusual?
2. Can CARB see some specific's about the Road Load Data Manager (RDM), particularly the underlying math and physics the RDM uses to model track coefficients?
3. What is the frequency of the coast down audits? What percentage of a model years test groups are audited?
4.

CBI / Ex. 4

 (Sidley page 13)?
5. What is the source(s) of the variability in the brake drag measurement?
6.

CBI / Ex. 4

 Can Ford expand on what this test entails?
7. When was the new brake dyno put into operation? Are there calibration logs?
8.

CBI / Ex. 4

 Couldn't you get a more repeatable result of the effects of brake friction on a chassis dyno?

9. **CBI / Ex. 4** (Sidley page 16), which is a direct **CBI / Ex. 4**
10. **CBI / Ex. 4**
11. What criteria was used to select brake drag inputs (Sidley page 17)?
12. What lab was engaged to conduct coastdown testing of MY 2019 Ranger?
13. **CBI / Ex. 4**

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Thursday, March 21, 2019 3:55 PM
To: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Cc: svharris@sidley.com
Subject: Re: Confidential Business Information: As Requested: Ford Roadload Test Plan

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Lisa, Thank you for the reply. We will proceed.

Glen Heiser

Sent from my iPhone

On Mar 21, 2019, at 1:35 PM, Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov> wrote:

Glen,

CARB technical staff had a chance to review the test plans you sent. At this time, you may proceed with the testing as outlined in the presentation dated March 14, 2019. Jackie's staff does have a few questions which we will send, through Ian Cecere, to you early next week.

Thank you,

Lisa

<image001.png>

Lisa Yacoubian
Manager
Engine & Parts Enforcement Section
Enforcement Division
626.350.6403

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Tuesday, March 19, 2019 9:48 PM
To: Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>
Cc: Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>; Pittel, Kimberly (K.L.) <kpittel@ford.com>; Savage, Justin A. <jsavage@sidley.com>; Hebert, Annette@ARB <annette.hebert@arb.ca.gov>; Wehrly, Linc <wehrly.linc@epa.gov>; Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>; brooks.phillip@epamail.epa.gov; Belser.Evan@epa.gov
Subject: Re: Confidential Business Information: As Requested: Ford Roadload Test Plan
Sensitivity: Confidential

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks Jackie.

I'll set up a call to discuss with you, Lisa, and Linc on Wednesday to ensure we are aligned.

Best Regards,

Glen Heiser

Sent from my iPhone

On Mar 19, 2019, at 8:00 PM, Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov> wrote:

Glen,
I do not know what Linc and you discussed, but I believe that CARB has not yet approved of your test plan. Staff just received the referenced procedures. We'll review them and give you comments shortly.

<image001.png>

Jackie Lourenco
Chief, NVEPB
626-450-6152

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Tuesday, March 19, 2019 10:41 AM
To: Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>;
Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>
Cc: Pittel, Kimberly (K.L.) <kpittel@ford.com>; Savage, Justin A.
<jsavage@sidley.com>; Hebert, Annette@ARB
<annette.hebert@arb.ca.gov>; Lourenco, Jackie@ARB
<Jackie.Lourenco@arb.ca.gov>; 'Wehrly, Linc' <wehrly.linc@epa.gov>;
Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Yacoubian, Lisa@ARB
<lisa.yacoubian@arb.ca.gov>; brooks.phillip@epamail.epa.gov;
Belser.Evan@epa.gov
Subject: Confidential Business Information: As Requested: Ford
Roadload Test Plan
Sensitivity: Confidential

CAUTION: This email originated from outside of the organization. Do not click
links or open attachments unless you recognize the sender and know the
content is safe.

Confidential Business Information

Byron and Mark,

Please find attached the follow-up to our meeting last Friday, as
promised. I will keep Linc Wehrly and Lisa Yacoubian apprised of the
testing progress as discussed in the meeting.

Kind regards,

Glen A. Heiser

Manager, Emissions Certification, Homologation & Compliance
Vehicle Homologation & Compliance, SE&SE
O: 313-59-40738
C: 313-348-4512
<image003.png>

This e-mail is sent by a law firm and may contain information that is privileged or confidential.
If you are not the intended recipient, please delete the e-mail and any attachments and notify us
immediately.

Message

From: Harris, Susan V. [svharris@sidley.com]
Sent: 4/18/2019 2:23:25 AM
To: Yacoubian, Lisa@ARB [lisa.yacoubian@arb.ca.gov]; Heiser, Glen (G.A.) [gheiser@ford.com]
CC: Cecere, Ian@ARB [Ian.Cecere@arb.ca.gov]; Pham, Allen@ARB [Allen.Pham@arb.ca.gov]; Fuentes, Mark@ARB [Mark.Fuentes@arb.ca.gov]; Lourenco, Jackie@ARB [Jackie.Lourenco@arb.ca.gov]; Binder, Gregory@ARB [gregory.binder@arb.ca.gov]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: RE: CARB to Ford: Questions Concerning Road Load Issues

Ms. Yacoubian –

Thank you for reaching out. Per my voicemail messages to you from the end of last week and this week, we are working on developing responses to CARB's questions. We propose scheduling a meeting at CARB for some time in the next several weeks during which we can share our responses and provide an update on activities since our last meeting. To that end, please let us know what dates/times during the weeks of May 13th and 20th would work for you and your colleagues. We will plan to invite EPA to participate in the meeting as well. Thank you.

Regards,
 Susan

SUSAN V. HARRIS
 Counsel

SIDLEY AUSTIN LLP
 +1 312 853 4663
svharris@sidley.com

From: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Sent: Wednesday, April 17, 2019 3:48 PM
To: Heiser, Glen (G.A.) <gheiser@ford.com>; Harris, Susan V. <svharris@sidley.com>
Cc: Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Pham, Allen@ARB <Allen.Pham@arb.ca.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>; Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>; Binder, Gregory@ARB <gregory.binder@arb.ca.gov>; Wehrly, Linc (wehrly.linc@epa.gov) <wehrly.linc@epa.gov>; Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>
Subject: RE: CARB to Ford: Questions Concerning Road Load Issues

Ms. Harris,

I got an out-of-office reply from Glen that he is out until 4/29. Can you please let me know when we can expect the answers to our questions?

Thank you,

Lisa Yacoubian

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Thursday, April 4, 2019 9:20 AM
To: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Cc: svharris@sidley.com; Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Pham, Allen@ARB <Allen.Pham@arb.ca.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>; Lourenco, Jackie@ARB

<Jackie.Lourenco@arb.ca.gov>; Binder, Gregory@ARB <gregory.binder@arb.ca.gov>; Wehrly, Linc (wehrly.linc@epa.gov) <wehrly.linc@epa.gov>; Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>

Subject: RE: CARB to Ford: Questions Concerning Road Load Issues

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Lisa,

Thanks for sharing these questions. Several of my key contacts in this space are out this week so it's a bit difficult to give you a timeline until early next week. My initial thought is we could target 2 weeks from Monday but let me confirm with Susan and other key stakeholders early next week.

Kind regards,

Glen A. Heiser

Manager, Emissions Certification, Homologation & Compliance

Vehicle Homologation & Compliance, SE&SE

O: 313-59-40738

C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

From: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>

Sent: Tuesday, April 2, 2019 1:57 PM

To: Heiser, Glen (G.A.) <gheiser@ford.com>

Cc: svharris@sidley.com; Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Pham, Allen@ARB <Allen.Pham@arb.ca.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>; Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>; Binder, Gregory@ARB <gregory.binder@arb.ca.gov>; Wehrly, Linc (wehrly.linc@epa.gov) <wehrly.linc@epa.gov>; Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>

Subject: CARB to Ford: Questions Concerning Road Load Issues

Importance: High

Glen,

As promised, here are the questions from CARB. Once you have had the chance to look them over, can you please provide an estimated timeframe on when we can expect a response?

Thank you,

Lisa Yacoubian

Round 1 Questions Concerning Ford Road Load Issues

1.

CBI / Ex. 4

CBI / Ex. 4

 e.g., pages 19 & 22). Does this suggests that even the Coastdown tests were unusual?
2. Can CARB see some specific's about the Road Load Data Manager (RDM), particularly the underlying math and physics the RDM uses to model track coefficients?
3. What is the frequency of the coast down audits? What percentage of a model years test groups are audited?
4.

CBI / Ex. 4

 (Sidley page 13)?
5. What is the source(s) of the variability in the brake drag measurement?
6.

CBI / Ex. 4

 Can Ford expand on what this test entails?
7. When was the new brake dyno put into operation? Are there calibration logs?
8.

CBI / Ex. 4

Couldn't you get a more repeatable result of the effects of brake friction on a chassis dyno?
9.

CBI / Ex. 4

 (Sidley page 16), which is a direct measurement,

CBI / Ex. 4
10.

CBI / Ex. 4
11. What criteria was used to select brake drag inputs (Sidley page 17)?
12. What lab was engaged to conduct coastdown testing of MY 2019 Ranger?
13.

CBI / Ex. 4

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Thursday, March 21, 2019 3:55 PM
To: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>

Cc: svharris@sidley.com

Subject: Re: Confidential Business Information: As Requested: Ford Roadload Test Plan

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Lisa, Thank you for the reply. We will proceed.

Glen Heiser

Sent from my iPhone

On Mar 21, 2019, at 1:35 PM, Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov> wrote:

Glen,

CARB technical staff had a chance to review the test plans you sent. At this time, you may proceed with the testing as outlined in the presentation dated March 14, 2019. Jackie's staff does have a few questions which we will send, through Ian Cecere, to you early next week.

Thank you,

Lisa

<image001.png>

Lisa Yacoubian
Manager
Engine & Parts Enforcement Section
Enforcement Division
626.350.6403

From: Heiser, Glen (G.A.) <gheiser@ford.com>

Sent: Tuesday, March 19, 2019 9:48 PM

To: Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>

Cc: Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>; Pittel, Kimberly (K.L.) <kpittel@ford.com>; Savage, Justin A. <jsavage@sidley.com>; Hebert, Annette@ARB <annette.hebert@arb.ca.gov>; Wehrly, Linc <wehrly.linc@epa.gov>; Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>; brooks.phillip@epamail.epa.gov; Belser.Evan@epa.gov

Subject: Re: Confidential Business Information: As Requested: Ford Roadload Test Plan

Sensitivity: Confidential

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks Jackie.

I'll set up a call to discuss with you, Lisa, and Linc on Wednesday to ensure we are aligned.

Best Regards,

Glen Heiser

Sent from my iPhone

On Mar 19, 2019, at 8:00 PM, Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov> wrote:

Glen,

I do not know what Linc and you discussed, but I believe that CARB has not yet approved of your test plan. Staff just received the referenced procedures. We'll review them and give you comments shortly.

<image001.png>

Jackie Lourenco
Chief, NVEPB
626-450-6152

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Tuesday, March 19, 2019 10:41 AM
To: Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>;
Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>
Cc: Pittel, Kimberly (K.L.) <kpittel@ford.com>; Savage, Justin A.
<jsavage@sidley.com>; Hebert, Annette@ARB
<annette.hebert@arb.ca.gov>; Lourenco, Jackie@ARB
<Jackie.Lourenco@arb.ca.gov>; 'Wehrly, Linc' <wehrly.linc@epa.gov>;
Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Yacoubian, Lisa@ARB
<lisa.yacoubian@arb.ca.gov>; brooks.phillip@epamail.epa.gov;
Belser.Evan@epa.gov
Subject: Confidential Business Information: As Requested: Ford
Roadload Test Plan
Sensitivity: Confidential

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Confidential Business Information

Byron and Mark,

Please find attached the follow-up to our meeting last Friday, as promised. I will keep Linc Wehrly and Lisa Yacoubian apprised of the testing progress as discussed in the meeting.

Kind regards,

Glen A. Heiser

Manager, Emissions Certification, Homologation & Compliance

Vehicle Homologation & Compliance, SE&SE

O: 313-59-40738

C: 313-348-4512

<image003.png>

This e-mail is sent by a law firm and may contain information that is privileged or confidential.
If you are not the intended recipient, please delete the e-mail and any attachments and notify us immediately.

Message

From: Yacoubian, Lisa@ARB [lisa.yacoubian@arb.ca.gov]
Sent: 4/17/2019 8:48:02 PM
To: Heiser, Glen (G.A.) [gheiser@ford.com]; svharris@sidley.com
CC: Cecere, Ian@ARB [Ian.Cecere@arb.ca.gov]; Pham, Allen@ARB [Allen.Pham@arb.ca.gov]; Fuentes, Mark@ARB [Mark.Fuentes@arb.ca.gov]; Lourenco, Jackie@ARB [Jackie.Lourenco@arb.ca.gov]; Binder, Gregory@ARB [gregory.binder@arb.ca.gov]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Bunker, Byron [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ddf7bcf023d241a9a477a2dc75d5901c-Bunker, Byron]
Subject: RE: CARB to Ford: Questions Concerning Road Load Issues

Ms. Harris,

I got an out-of-office reply from Glen that he is out until 4/29. Can you please let me know when we can expect the answers to our questions?

Thank you,

Lisa Yacoubian

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Thursday, April 4, 2019 9:20 AM
To: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Cc: svharris@sidley.com; Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Pham, Allen@ARB <Allen.Pham@arb.ca.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>; Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>; Binder, Gregory@ARB <gregory.binder@arb.ca.gov>; Wehrly, Linc (wehrly.linc@epa.gov) <wehrly.linc@epa.gov>; Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>
Subject: RE: CARB to Ford: Questions Concerning Road Load Issues

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Lisa,

Thanks for sharing these questions. Several of my key contacts in this space are out this week so it's a bit difficult to give you a timeline until early next week. My initial thought is we could target 2 weeks from Monday but let me confirm with Susan and other key stakeholders early next week.

Kind regards,

Glen A. Heiser

Manager, Emissions Certification, Homologation & Compliance
 Vehicle Homologation & Compliance, SE&SE

O: 313-59-40738

C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

From: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>

Sent: Tuesday, April 2, 2019 1:57 PM

To: Heiser, Glen (G.A.) <gheiser@ford.com>

Cc: svharris@sidley.com; Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Pham, Allen@ARB <Allen.Pham@arb.ca.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>; Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>; Binder, Gregory@ARB <gregory.binder@arb.ca.gov>; Wehrly, Linc (wehrly.linc@epa.gov) <wehrly.linc@epa.gov>; Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>

Subject: CARB to Ford: Questions Concerning Road Load Issues

Importance: High

Glen,

As promised, here are the questions from CARB. Once you have had the chance to look them over, can you please provide an estimated timeframe on when we can expect a response?

Thank you,

Lisa Yacoubian

Round 1 Questions Concerning Ford Road Load Issues

1.

CBI / Ex. 4

CBI / Ex. 4

 e.g., pages 19 & 22). Does this suggests that even the Coastdown tests were unusual?
2. Can CARB see some specific's about the Road Load Data Manager (RDM), particularly the underlying math and physics the RDM uses to model track coefficients?
3. What is the frequency of the coast down audits? What percentage of a model years test groups are audited?
4.

CBI / Ex. 4

 (Sidley page 13)?
5. What is the source(s) of the variability in the brake drag measurement?
6.

CBI / Ex. 4

 Can Ford expand on what this test entails?
7. When was the new brake dyno put into operation? Are there calibration logs?
8.

CBI / Ex. 4

 Couldn't you get a more repeatable result of the effects of brake friction on a chassis dyno?

9. **CBI / Ex. 4** Sidley page 16), which is a direct measurement,
10. **CBI / Ex. 4**
11. What criteria was used to select brake drag inputs (Sidley page 17)?
12. What lab was engaged to conduct coastdown testing of MY 2019 Ranger?
13. **CBI / Ex. 4**

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Thursday, March 21, 2019 3:55 PM
To: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Cc: svharris@sidley.com
Subject: Re: Confidential Business Information: As Requested: Ford Roadload Test Plan

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Lisa, Thank you for the reply. We will proceed.

Glen Heiser

Sent from my iPhone

On Mar 21, 2019, at 1:35 PM, Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov> wrote:

Glen,

CARB technical staff had a chance to review the test plans you sent. At this time, you may proceed with the testing as outlined in the presentation dated March 14, 2019. Jackie's staff does have a few questions which we will send, through Ian Cecere, to you early next week.

Thank you,

Lisa

<image001.png>

Lisa Yacoubian
Manager
Engine & Parts Enforcement Section
Enforcement Division
626.350.6403

From: Heiser, Glen (G.A.) <gheiser@ford.com>

Sent: Tuesday, March 19, 2019 9:48 PM

To: Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>

Cc: Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>; Fuentes, Mark@ARB <Mark.Fuentes@arb.ca.gov>; Pittel, Kimberly (K.L.) <kpittel@ford.com>; Savage, Justin A. <jsavage@sidley.com>; Hebert, Annette@ARB <annette.hebert@arb.ca.gov>; Wehrly, Linc <wehrly.linc@epa.gov>; Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>; brooks.phillip@epamail.epa.gov; Belser.Evan@epa.gov

Subject: Re: Confidential Business Information: As Requested: Ford Roadload Test Plan

Sensitivity: Confidential

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks Jackie.

I'll set up a call to discuss with you, Lisa, and Linc on Wednesday to ensure we are aligned.

Best Regards,

Glen Heiser

Sent from my iPhone

On Mar 19, 2019, at 8:00 PM, Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov> wrote:

Glen,

I do not know what Linc and you discussed, but I believe that CARB has not yet approved of your test plan. Staff just received the referenced procedures. We'll review them and give you comments shortly.

<image001.png>

Jackie Lourenco
Chief, NVEPB
626-450-6152

From: Heiser, Glen (G.A.) <gheiser@ford.com>

Sent: Tuesday, March 19, 2019 10:41 AM

To: Bunker, Byron (bunker.byron@epa.gov) <bunker.byron@epa.gov>; Fuentes,

Mark@ARB <Mark.Fuentes@arb.ca.gov>

Cc: Pittel, Kimberly (K.L.) <kpittel@ford.com>; Savage, Justin A.

<jsavage@sidley.com>; Hebert, Annette@ARB <annette.hebert@arb.ca.gov>;

Lourenco, Jackie@ARB <Jackie.Lourenco@arb.ca.gov>; 'Wehrly, Linc'

<wehrly.linc@epa.gov>; Cecere, Ian@ARB <Ian.Cecere@arb.ca.gov>; Yacoubian,

Lisa@ARB <lisa.yacoubian@arb.ca.gov>; brooks.phillip@epamail.epa.gov;

Belser.Evan@epa.gov

Subject: Confidential Business Information: As Requested: Ford Roadload Test Plan

Sensitivity: Confidential

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Confidential Business Information

Byron and Mark,

Please find attached the follow-up to our meeting last Friday, as promised. I will keep Linc Wehrly and Lisa Yacoubian apprised of the testing progress as discussed in the meeting.

Kind regards,

Glen A. Heiser

Manager, Emissions Certification, Homologation & Compliance

Vehicle Homologation & Compliance, SE&SE

O: 313-59-40738

C: 313-348-4512

<image003.png>

Message

From: Yacoubian, Lisa@ARB [lisa.yacoubian@arb.ca.gov]
Sent: 6/3/2019 4:54:02 PM
To: Heiser, Glen (G.A.) [gheiser@ford.com]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]
CC: svharris@sidley.com
Subject: RE: Meeting Request: Ford Roadload Status

Glen,

Can you please forward an electronic copy of last week's meeting presentation?

Thank you,

Lisa

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Wednesday, May 8, 2019 2:39 PM
To: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>; 'Wehrly, Linc' <wehrly.linc@epa.gov>
Cc: svharris@sidley.com
Subject: RE: Meeting Request: Ford Roadload Status

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks Lisa.

To clarify, this is intended to be a small meeting of the single points of contact identified at the last meeting. I thought that was you, Linc and I. If it's a CARB cert rep, let me know and we can switch to that.

A meeting with the broader teams is targeted for the end of May.

Kind regards,

Glen A. Heiser

Manager, Emissions Certification, Homologation & Compliance

Vehicle Homologation & Compliance, SE&SE

O: 313-59-40738

C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

From: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Sent: Wednesday, May 8, 2019 5:36 PM
To: Heiser, Glen (G.A.) <gheiser@ford.com>; 'Wehrly, Linc' <wehrly.linc@epa.gov>
Cc: svharris@sidley.com
Subject: RE: Meeting Request: Ford Roadload Status

Since I'm an enforcement manager, I'm checking with CARB cert staff on these possible times. I will attend also.

From: Heiser, Glen (G.A.) <gheiser@ford.com>

Sent: Wednesday, May 8, 2019 1:39 PM

To: 'Wehrly, Linc' <wehrly.linc@epa.gov>; Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>

Cc: svharris@sidley.com

Subject: Meeting Request: Ford Roadload Status

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa and Linc,

The 3 of us (Lisa, Linc, Glen) were identified as points of contact at the last meeting. I would like to share the coastdown results we have to date. Are both of you available for a quick call next Tuesday or Wednesday?

Tuesday, May 14, 12:00 PM Eastern or later

Wednesday, May 15, 2:30 PM Eastern or later

Please let me know your availability and I will schedule a WebEx call.

Kind regards,

Glen A. Heiser

Manager, Emissions Certification, Homologation & Compliance

Vehicle Homologation & Compliance, SE&SE

O: 313-59-40738

C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

Message

From: Heiser, Glen (G.A.) [gheiser@ford.com]
Sent: 5/8/2019 9:59:02 PM
To: Yacoubian, Lisa@ARB [lisa.yacoubian@arb.ca.gov]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]
CC: svharris@sidley.com
Subject: RE: Meeting Request: Ford Roadload Status

Sorry, going too fast... Got it!

Kind regards,

Glen A. Heiser

Manager, Emissions Certification, Homologation & Compliance
Vehicle Homologation & Compliance, SE&SE
O: 313-59-40738
C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

From: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Sent: Wednesday, May 8, 2019 5:45 PM
To: Heiser, Glen (G.A.) <gheiser@ford.com>; 'Wehrly, Linc' <wehrly.linc@epa.gov>
Cc: svharris@sidley.com
Subject: RE: Meeting Request: Ford Roadload Status

Wednesday works for CARB. 2:30pm EST

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Wednesday, May 8, 2019 1:39 PM
To: 'Wehrly, Linc' <wehrly.linc@epa.gov>; Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Cc: svharris@sidley.com
Subject: Meeting Request: Ford Roadload Status

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa and Linc,

The 3 of us (Lisa, Linc, Glen) were identified as points of contact at the last meeting. I would like to share the coastdown results we have to date. Are both of you available for a quick call next Tuesday or Wednesday?

Tuesday, May 14, 12:00 PM Eastern or later
Wednesday, May 15, 2:30 PM Eastern or later

Please let me know your availability and I will schedule a WebEx call.

Kind regards,

Glen A. Heiser

*Manager, Emissions Certification, Homologation & Compliance
Vehicle Homologation & Compliance, SE&SE*

O: 313-59-40738

C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

Message

From: Heiser, Glen (G.A.) [gheiser@ford.com]
Sent: 5/8/2019 9:58:33 PM
To: Yacoubian, Lisa@ARB [lisa.yacoubian@arb.ca.gov]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]
CC: svharris@sidley.com
Subject: RE: Meeting Request: Ford Roadload Status

Perfect, thanks!

Will those time blocks work for you?

Kind regards,

Glen A. Heiser

Manager, Emissions Certification, Homologation & Compliance

Vehicle Homologation & Compliance, SE&SE

O: 313-59-40738

C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

From: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Sent: Wednesday, May 8, 2019 5:46 PM
To: Heiser, Glen (G.A.) <gheiser@ford.com>; 'Wehrly, Linc' <wehrly.linc@epa.gov>
Cc: svharris@sidley.com
Subject: RE: Meeting Request: Ford Roadload Status

Got it, I'll attend along with Allen Pham who works for me if that's okay. No cert reps.

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Wednesday, May 8, 2019 2:39 PM
To: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>; 'Wehrly, Linc' <wehrly.linc@epa.gov>
Cc: svharris@sidley.com
Subject: RE: Meeting Request: Ford Roadload Status

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks Lisa.

To clarify, this is intended to be a small meeting of the single points of contact identified at the last meeting. I thought that was you, Linc and I. If it's a CARB cert rep, let me know and we can switch to that.

A meeting with the broader teams is targeted for the end of May.

Kind regards,

Glen A. Heiser

Manager, Emissions Certification, Homologation & Compliance
Vehicle Homologation & Compliance, SE&SE
O: 313-59-40738
C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

From: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Sent: Wednesday, May 8, 2019 5:36 PM
To: Heiser, Glen (G.A.) <gheiser@ford.com>; 'Wehrly, Linc' <wehrly.linc@epa.gov>
Cc: svharris@sidley.com
Subject: RE: Meeting Request: Ford Roadload Status

Since I'm an enforcement manager, I'm checking with CARB cert staff on these possible times. I will attend also.

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Wednesday, May 8, 2019 1:39 PM
To: 'Wehrly, Linc' <wehrly.linc@epa.gov>; Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Cc: svharris@sidley.com
Subject: Meeting Request: Ford Roadload Status

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa and Linc,

The 3 of us (Lisa, Linc, Glen) were identified as points of contact at the last meeting. I would like to share the coastdown results we have to date. Are both of you available for a quick call next Tuesday or Wednesday?

Tuesday, May 14, 12:00 PM Eastern or later
Wednesday, May 15, 2:30 PM Eastern or later

Please let me know your availability and I will schedule a WebEx call.

Kind regards,

Glen A. Heiser

Manager, Emissions Certification, Homologation & Compliance
Vehicle Homologation & Compliance, SE&SE
O: 313-59-40738
C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

Message

From: Heiser, Glen (G.A.) [gheiser@ford.com]
Sent: 5/8/2019 9:39:18 PM
To: Yacoubian, Lisa@ARB [lisa.yacoubian@arb.ca.gov]; Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]
CC: svharris@sidley.com
Subject: RE: Meeting Request: Ford Roadload Status

Thanks Lisa.

To clarify, this is intended to be a small meeting of the single points of contact identified at the last meeting. I thought that was you, Linc and I. If it's a CARB cert rep, let me know and we can switch to that.

A meeting with the broader teams is targeted for the end of May.

Kind regards,

Glen A. Heiser

*Manager, Emissions Certification, Homologation & Compliance
Vehicle Homologation & Compliance, SE&SE*
O: 313-59-40738
C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

From: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Sent: Wednesday, May 8, 2019 5:36 PM
To: Heiser, Glen (G.A.) <gheiser@ford.com>; 'Wehrly, Linc' <wehrly.linc@epa.gov>
Cc: svharris@sidley.com
Subject: RE: Meeting Request: Ford Roadload Status

Since I'm an enforcement manager, I'm checking with CARB cert staff on these possible times. I will attend also.

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Wednesday, May 8, 2019 1:39 PM
To: 'Wehrly, Linc' <wehrly.linc@epa.gov>; Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Cc: svharris@sidley.com
Subject: Meeting Request: Ford Roadload Status

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa and Linc,

The 3 of us (Lisa, Linc, Glen) were identified as points of contact at the last meeting. I would like to share the coastdown results we have to date. Are both of you available for a quick call next Tuesday or Wednesday?

Tuesday, May 14, 12:00 PM Eastern or later

Wednesday, May 15, 2:30 PM Eastern or later

Please let me know your availability and I will schedule a WebEx call.

Kind regards,

Glen A. Heiser

*Manager, Emissions Certification, Homologation & Compliance
Vehicle Homologation & Compliance, SE&SE*

O: 313-59-40738

C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

Message

From: Heiser, Glen (G.A.) [gheiser@ford.com]
Sent: 5/8/2019 8:38:52 PM
To: Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]; Yacoubian, Lisa@ARB [lisa.yacoubian@arb.ca.gov]
CC: svharris@sidley.com
Subject: Meeting Request: Ford Roadload Status

Hi Lisa and Linc,

The 3 of us (Lisa, Linc, Glen) were identified as points of contact at the last meeting. I would like to share the coastdown results we have to date. Are both of you available for a quick call next Tuesday or Wednesday?

Tuesday, May 14, 12:00 PM Eastern or later

Wednesday, May 15, 2:30 PM Eastern or later

Please let me know your availability and I will schedule a WebEx call.

Kind regards,

Glen A. Heiser

Manager, Emissions Certification, Homologation & Compliance

Vehicle Homologation & Compliance, SE&SE

O: 313-59-40738

C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

Message

From: Heiser, Glen (G.A.) [gheiser@ford.com]
Sent: 5/6/2019 6:51:13 PM
To: Wehrly, Linc [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=64e5f31ccb4841018441b3bf074842d0-Wehrly, Linc]
Subject: May 30 Roadload Meeting with Ford

Hi Linc,

It looks like the meeting on May 30th will be at 12:30PM Eastern, 9:30 AM Pacific. I believe a meeting notice will come from Sidley but feel free to have Byron and other key stakeholders put a placeholder for that time.

Kind regards,

Glen A. Heiser

*Manager, Emissions Certification, Homologation & Compliance
Vehicle Homologation & Compliance, SE&SE*

O: 313-59-40738

C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies

Message

From: Wehrly, Linc [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=64E5F31CCB4841018441B3BF074842D0-WEHRLY, LINC]
Sent: 5/9/2019 11:37:33 AM
To: Yacoubian, Lisa@ARB [lisa.yacoubian@arb.ca.gov]; Heiser, Glen (G.A.) [gheiser@ford.com]
CC: svharris@sidley.com
Subject: RE: Meeting Request: Ford Roadload Status

That works for me as well.

From: Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Sent: Wednesday, May 08, 2019 5:45 PM
To: Heiser, Glen (G.A.) <gheiser@ford.com>; Wehrly, Linc <wehrly.linc@epa.gov>
Cc: svharris@sidley.com
Subject: RE: Meeting Request: Ford Roadload Status

Wednesday works for CARB. 2:30pm EST

From: Heiser, Glen (G.A.) <gheiser@ford.com>
Sent: Wednesday, May 8, 2019 1:39 PM
To: 'Wehrly, Linc' <wehrly.linc@epa.gov>; Yacoubian, Lisa@ARB <lisa.yacoubian@arb.ca.gov>
Cc: svharris@sidley.com
Subject: Meeting Request: Ford Roadload Status

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Lisa and Linc,

The 3 of us (Lisa, Linc, Glen) were identified as points of contact at the last meeting. I would like to share the coastdown results we have to date. Are both of you available for a quick call next Tuesday or Wednesday?

Tuesday, May 14, 12:00 PM Eastern or later
 Wednesday, May 15, 2:30 PM Eastern or later

Please let me know your availability and I will schedule a WebEx call.

Kind regards,

Glen A. Heiser

Manager, Emissions Certification, Homologation & Compliance
 Vehicle Homologation & Compliance, SE&SE

O: 313-59-40738

C: 313-348-4512



Ford Motor Company is proud to be among the
World's Most Ethical Companies